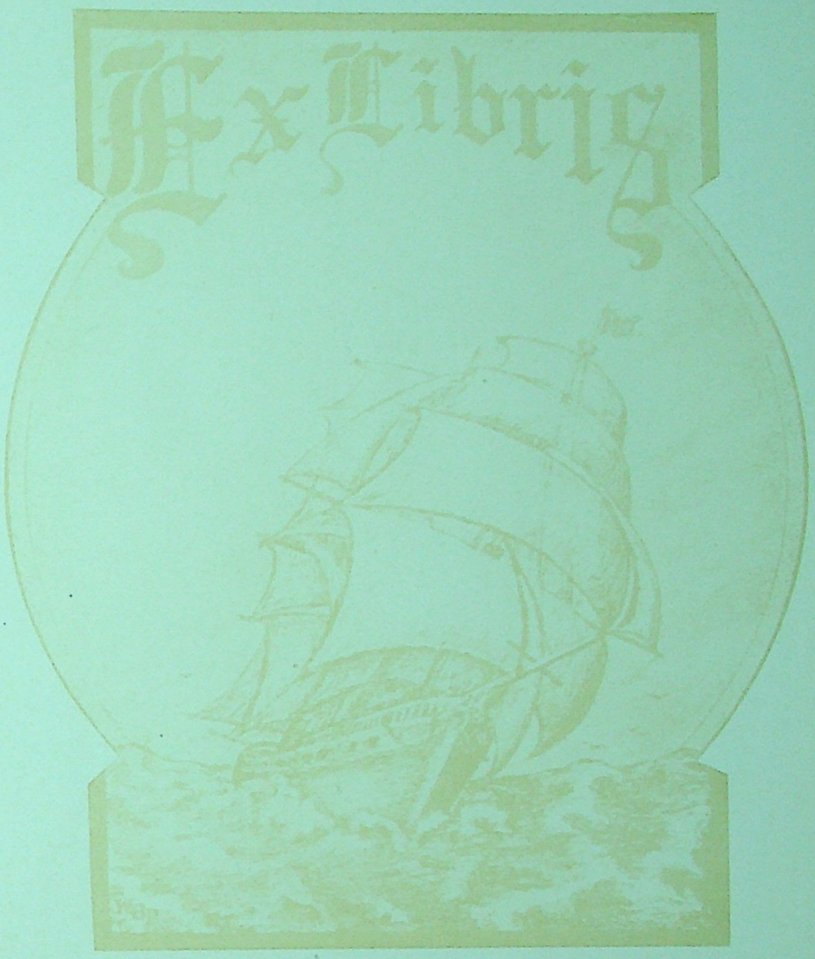
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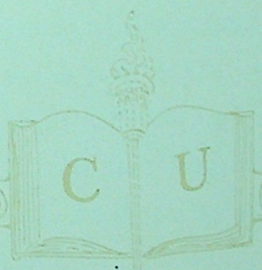
Two men looked out
From behind the bars,
One saw mud
The other saw stars.

The CABLE

1927

The Year Book Of Cooper Union



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The CLASS of
1927

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Business Manager

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FOREWORD

TO recall, in years to come, the earnest efforts of our class, to leave behind a creditable record of its activities.

To instill in the hearts of those that are to follow, a will to make the CABLE a tradition. One, that in the future we may look back to with pride, as having been an integral part of. That is the the purpose of our book.

The Juniors.

319566

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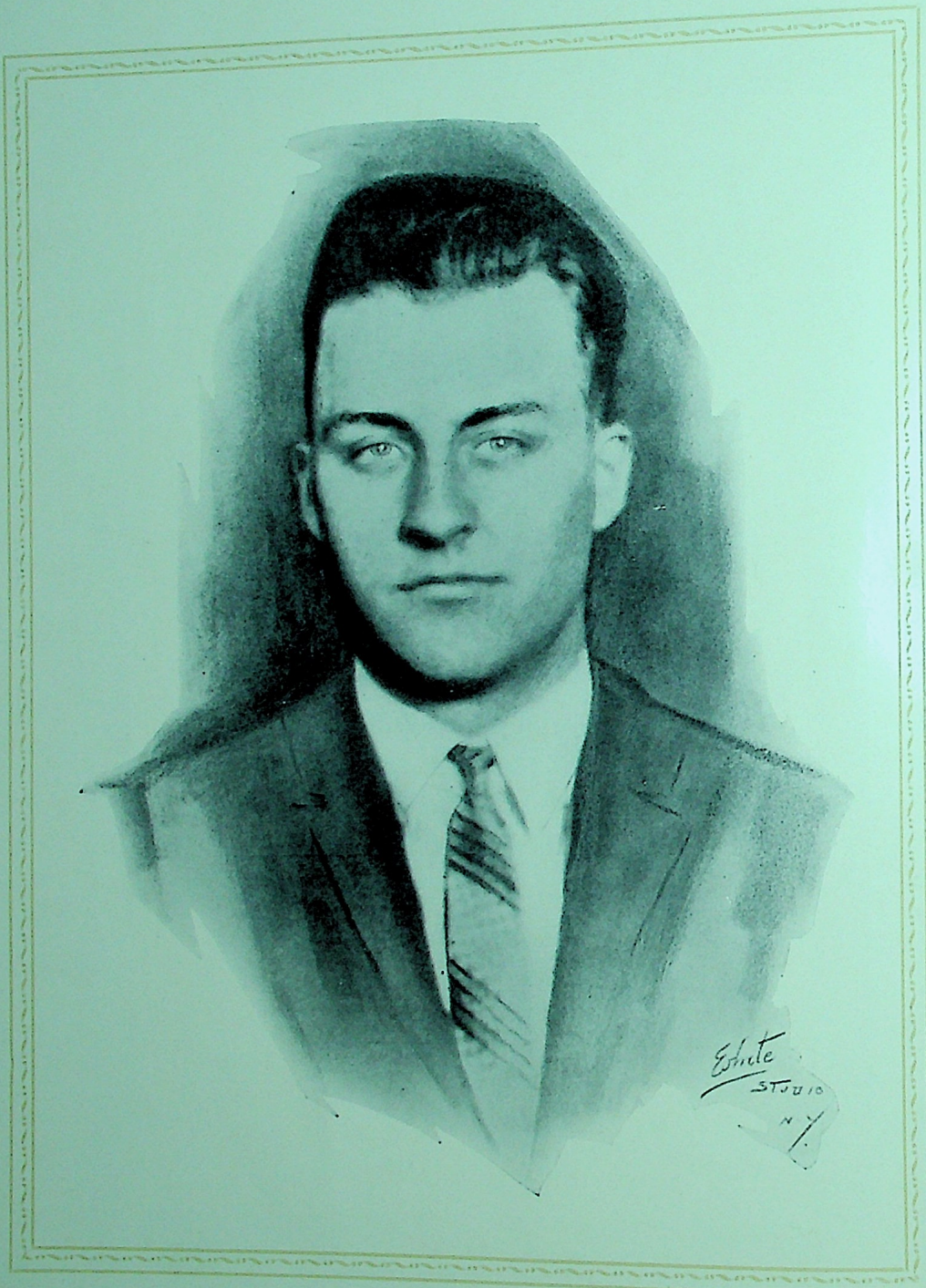
With e'er a smile upon his lips,
A smile the same for everyone,
Ever making light of duties,
But never leaving one undone.

A loving son, a man, a scholar,
Proud of our school, and ever true,
Ambition was his watchword; for
Honest and upright—that was Lou.

TO THE MEMORY OF
LOUIS W. KESSLER
OUR CLASSMATE
THIS CABLE
IS
SOLEMNLY DEDICATED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Erected by the citizens of New York in grateful
remembrance of PETER COOPER.
Born February 12, 1791.
Died April 3rd, 1883.

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FROM COOPER SQUARE

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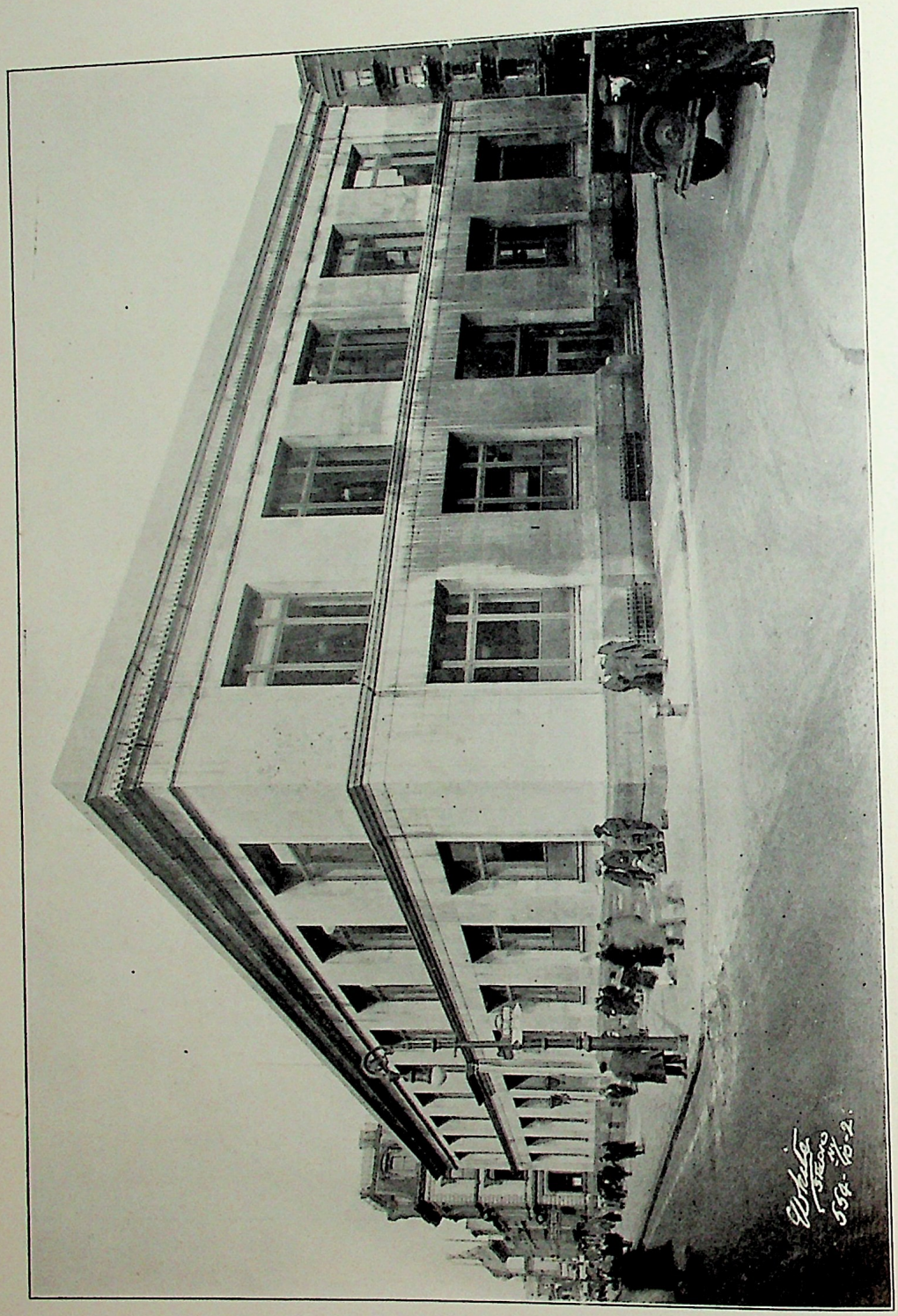

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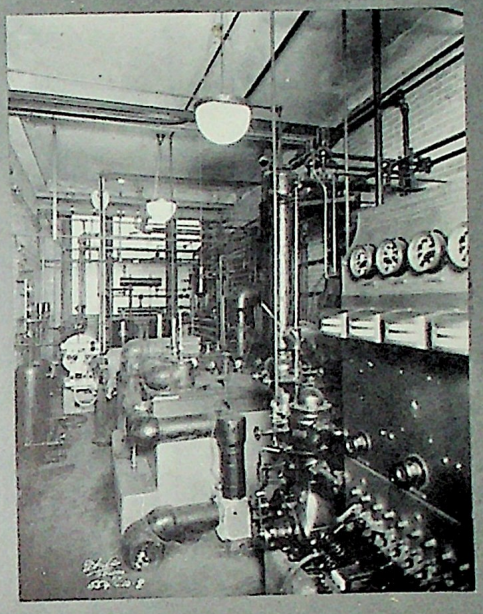

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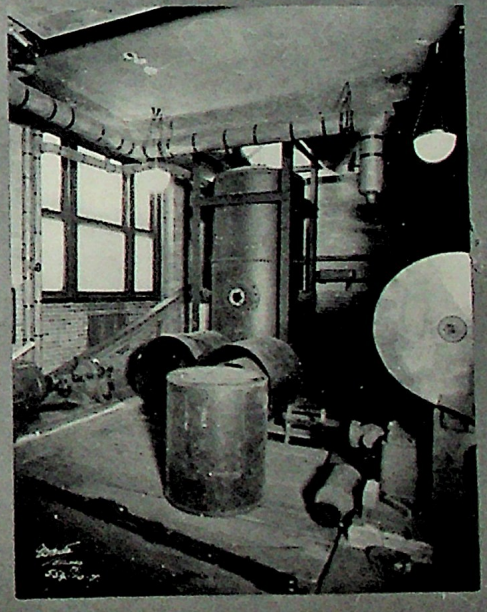

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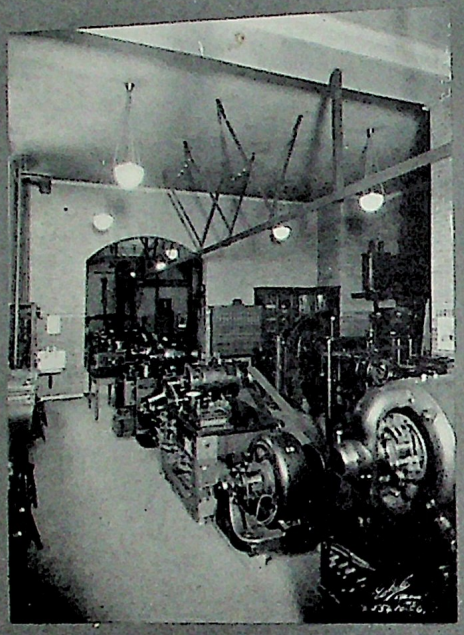

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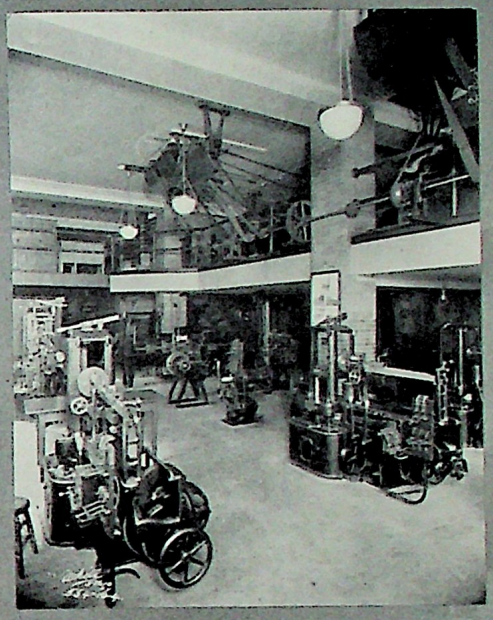

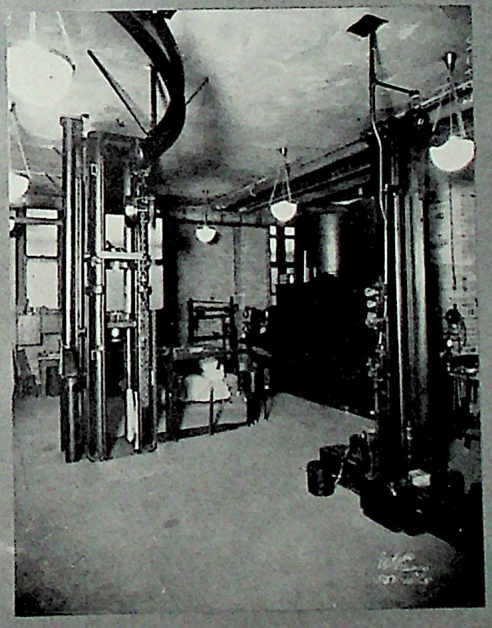

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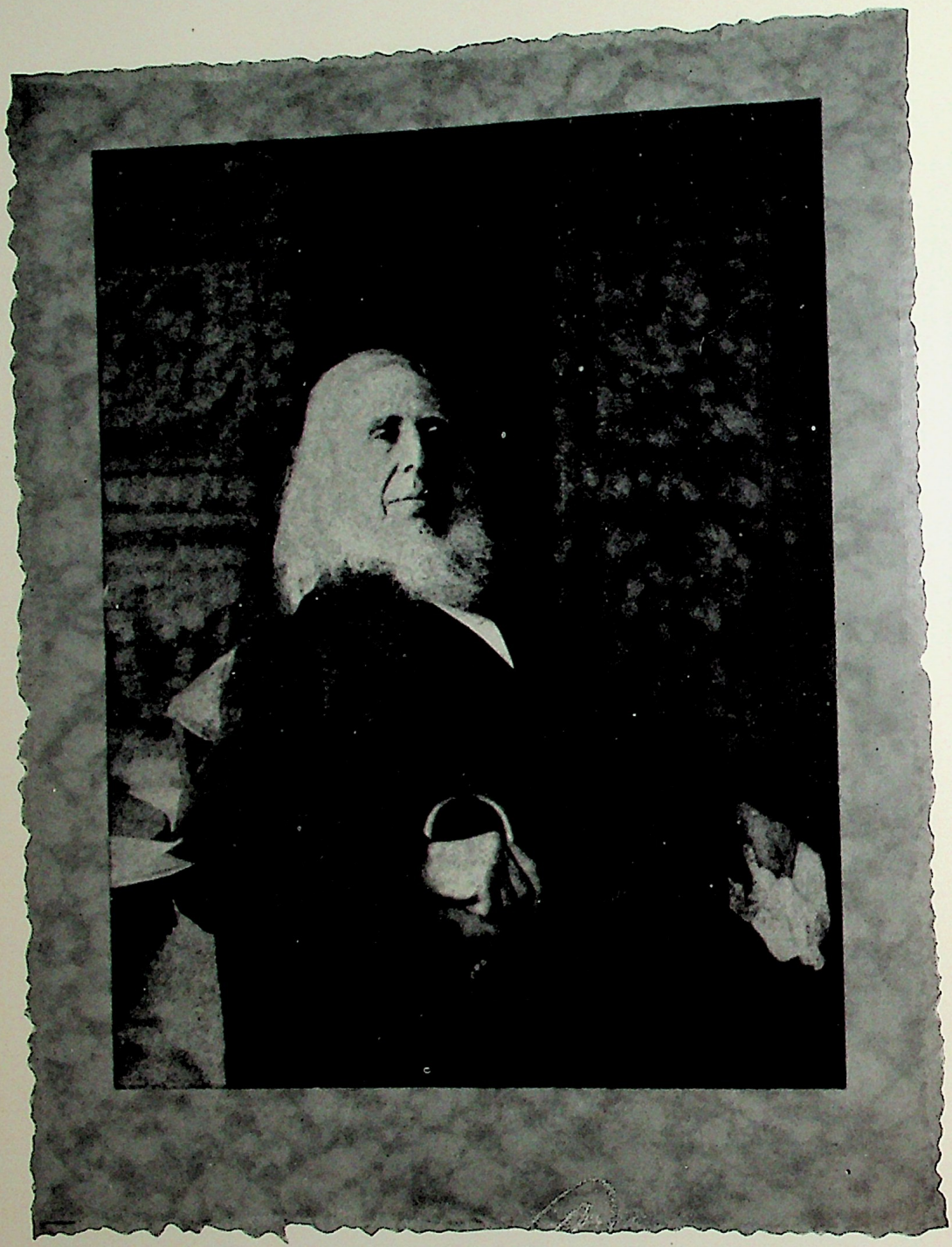

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Founder of the Cooper Union
for the advancement of
Science and Art

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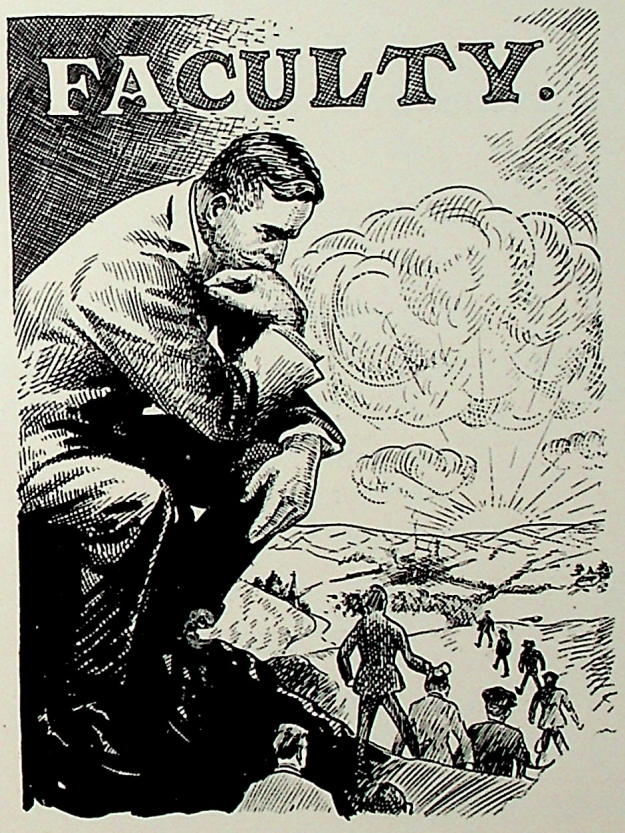

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Francis M. Hartmann

Dean of the Schools of Science and Engineering

and Professor of Electrical Engineering

B.S. (Five Year Course in General Science), Cooper Union, 1895; graduate (Course in Chemistry), Cooper Union, 1898; post-graduate work in physics under Professor Anthony, 1898-99; E. E., Cooper Union, 1903; post-graduate work in mathematics, New York University, 1902-1903.

Fellow: American Institute of Electrical Engineers; American Association for the Advancement of Science. Member: American Society of Mechanical Engineers; American Physical Society; American Mathematical Society; Society for the Promotion of Engineering Education.

Engineering Department, Public Improvements, N. Y. C., 1894-1901; consulting work on Power, 1904, and on Transformer Iron, 1907.

Author: Elementary Mechanics for Engineering Students; Heat and Thermodynamics; Alternating Currents and Electrical Transmission; Contributions to Electrical Review; Biographical Sketch of George W. Plympton.

Appointed:

Instructor of Physics, Cooper Union Night School in 1899.

Instructor of Physics and Electrical Engineering in Day and Night Schools in 1901.

Assistant Professor of Physics and Electrical Engineering in 1905.

Professor of Physics and Electrical Engineering in 1906.

In charge of the combined departments of Electrical and Mechanical engineering from 1907 to 1925, when the department of Mechanical Engineering was separately organized.

Since October, 1921, Dean of the Schools of Science and Engineering.

Department of Chemical Engineering

Professor

HORACE G. BEYERS, A.M., PH.D.

Phi Lambda Upsilon; Alpha Chi Sigma; Sigma Xi; A.B., B.S., Westminster College, 1895; A.M., Westminster College, 1898; Ph.D., Johns Hopkins University, 1899; fellow American Association for the Advancement of Science; American Institute of Chemists; Member: American Chemical Society; Captain Chemical Warfare Service; Lieut-Col. U. S. R. Chemical Warfare Series.

Assistant Professor

HENRY C. ENDERS, A.M., CH.E.

B.C., Cooper Union, 1906; A.M., Columbia University, 1920; Ch.E., Cooper Union, 1922; Past President of Cooper Union Chemical Society; Past President of Cooper Union Alumni Association; member American Chemical Society, Chemists' Club; fellow American Association for the Advancement of Science; American Geographical Society.

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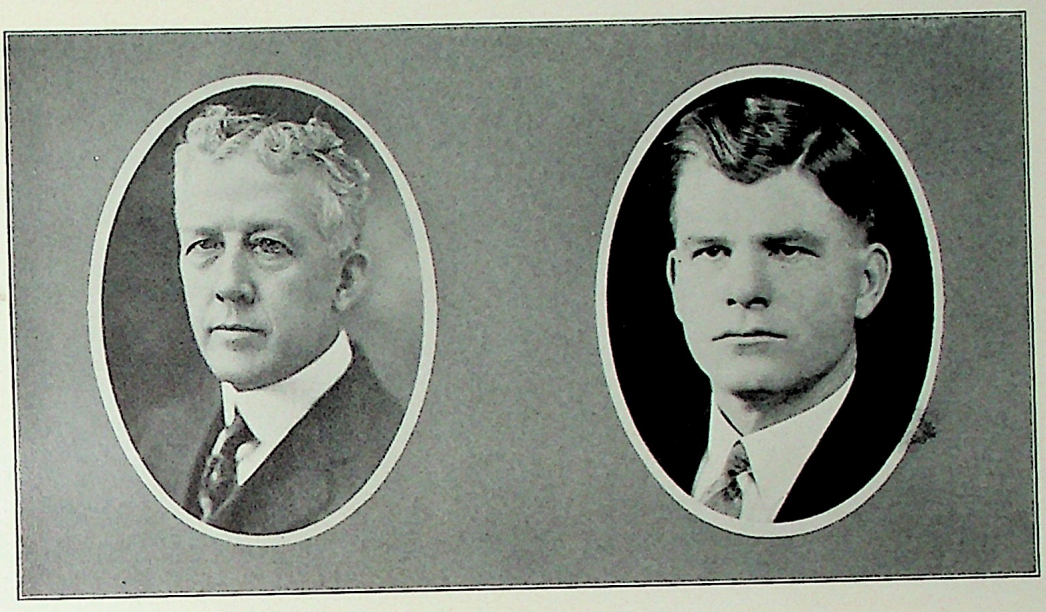
NICHOLAS FALLENBERG, Lab. Asst.
HENRY J. GOLLE, Lab. Asst.
D. R. WIGGAM, B.S. in Ch.E.
FRANCIS P. CAREY, B.S.
L. M. KEBRICH, Lect. Asst.
EDWARD CANNON, Chem. Asst.
CHRISTIAN WEAVER, B.C.



Department of Civil Engineering

Professor

FREDERICK E. FOSS, A.M., Sc.D.

Phi Beta Kappa; A.B., Bates College, 1883; A.M., Bates College, 1886; B.S., Massachusetts Institute of Technology, 1886; Sc.D., Bates College, 1908; member of American Society of Civil Engineers, American Railway Engineering Association, American Society for Testing Materials, Society for the Promotion of Engineering Education.

Assistant Professor

RAY C. BRUMFIELD, B.S.

Tau Beta Phi; B.S., Purdue University, 1912; member of American Society for Testing Materials, Engineering Division of National Research Council, Committee on Hardness Testing.

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HENRY R. CODWISE, B.S., C.E.
J. P. WILLIAMS, B.S., M.S., C.E.
WILLIAM E. BROWN, B.S.
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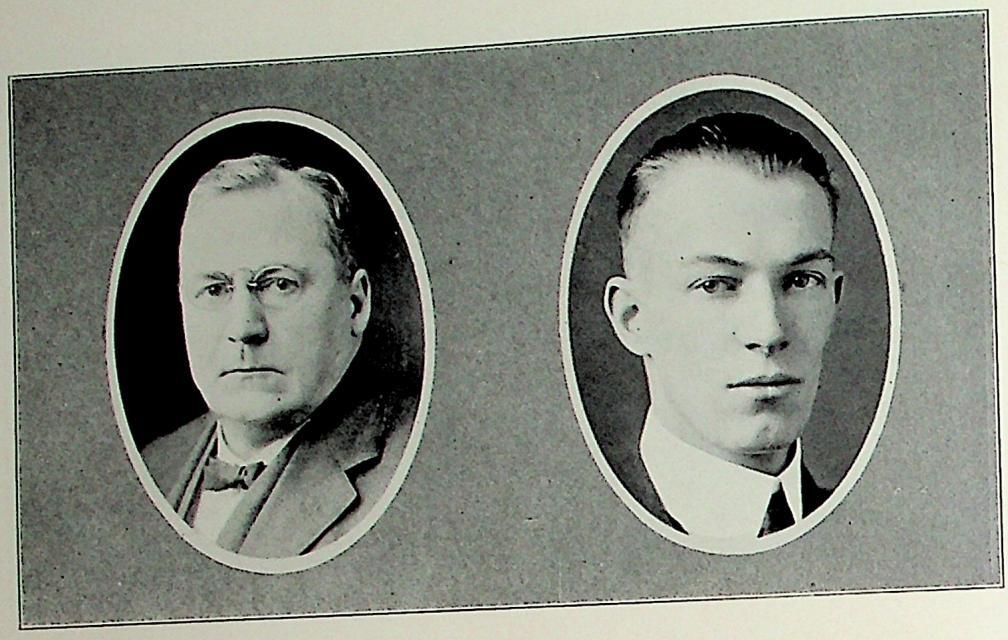

Department of Electrical Engineering

Professor

FRANCIS M. HARTMANN, B.S., E.E.

B.S. (Scientific Course), Cooper Union, 1895; graduate (Chemistry), Cooper Union, 1898; E.E., Cooper Union, 1903.

Assistant Professor

NORMAN L. TOWLE, B.S., E.E.

Tau Beta Pi; Sigma Xi; Sigma Alpha Epsilon; B.S. in Electrical Engineering, 1917; E.E., 1920, Worcester Polytechnic Institute; Graduate study and research, Westinghouse Electric and Mfg. Co., 1917-1918; Engineer, Westinghouse Elec. and Mfg. Co., 1918-1919; Iowa State College, 1919-1920; in charge of Electrical laboratories, Cooper Union; member American Institute Electrical Engineers.

Instructors

ALBERT GOERTZ, B.S., C.E.
HENRY SCHERIL, B.S., E.E.
RICHARD F. DEIMEL, B.S., A.M.
A. F. HAMDI, E.E., A.M.
H. C. KOENIG, B.S., E.E.
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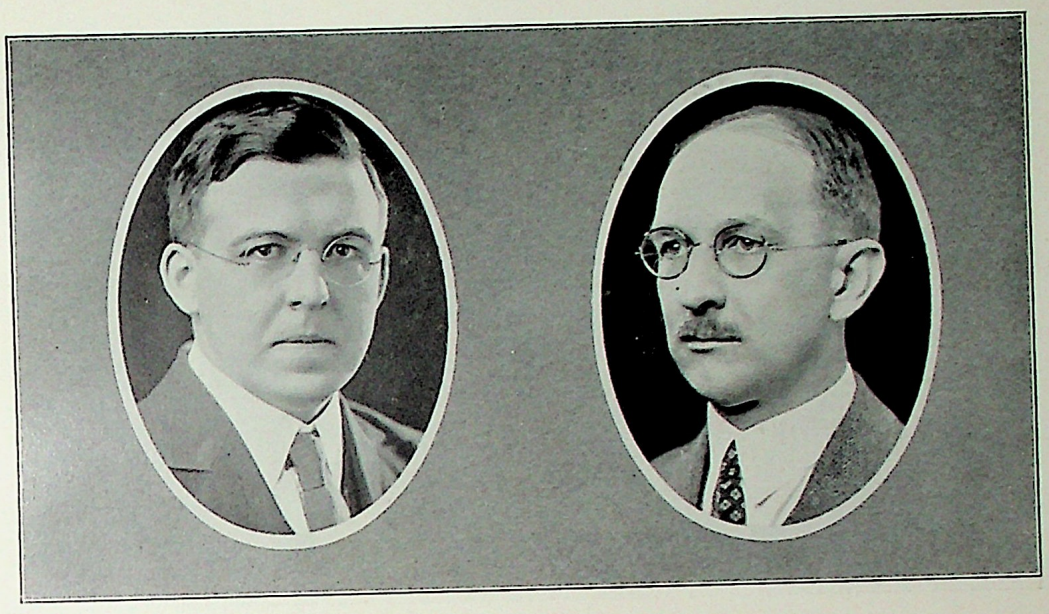

Department of Mechanical Engineering

Professor

GEORGE F. BATEMAN, B.E., M.E.

B.E., Cooper Union, Institute of Technology, 1907; 1907-1917 practicing Mechanical Engineering; Instructor in U. S. Navy Gas Engine School, N. Y. C., 1917; Lieutenant in U. S. Naval Reserve, 1918; contributed to the organization of the U. S. Navy Steam Engineering School, Hoboken, N. J.; Head of the Propulsion Machinery Department; Assistant Prof. in Mechanical Engineering at Cooper Union until 1925; member American Society of Mechanical Engineers; fellow of the American Association for the Advancement of Science.

Instructors

H. P. NIELSEN, B.S., M.M.E.
LOUIS ORTNER, M.E.
W. O. ENTENMANN, B.S.
J. R. LEO, Lab. Asst.

Department of Machine Design

Professor

CARL ROSSMASSLER, B.S.

B.S., Massachusetts Institute of Technology, 1901; member American Society of Mechanical Engineers, Society of Automotive Engineers, Engineers Club of Philadelphia.

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WILLIAM C. BROADGATE
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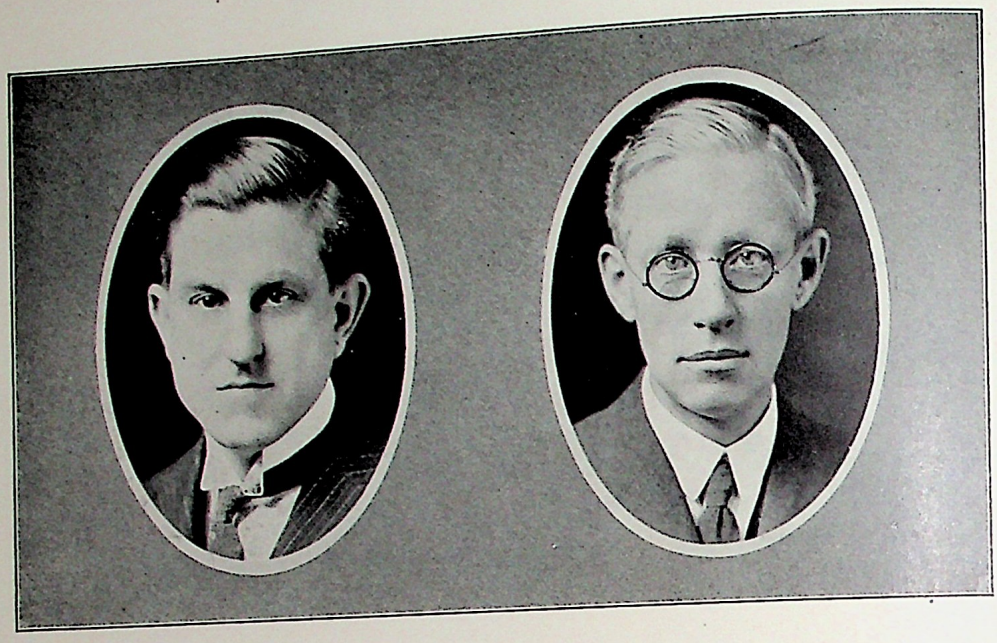
JOHN W. LANGGUTH, B.S.
A. E. LOBECK, B.S.



Department of Mathematics

Professor

H. W. REDDICK, A.M., PH.D.

Phi Kappa Psi; Sigma Xi; A.B., Indiana University, 1904; A.M., University of Illinois, 1906; Ph.D., Columbia University, 1910; member American Mathematical Society, Mathematical Association of America.

Assistant Professor

WILLIAM J. PICKETT, B.S.

B.S., Teachers College, Columbia University, 1909; member of Mathematical Association of America.

Instructors

DONALD C. MACLEAN, A.B.
E. G. TAPLIN, B.S., A.M.
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S. B. SHERIDAN, B.E.
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M. HELENA ZACHOS

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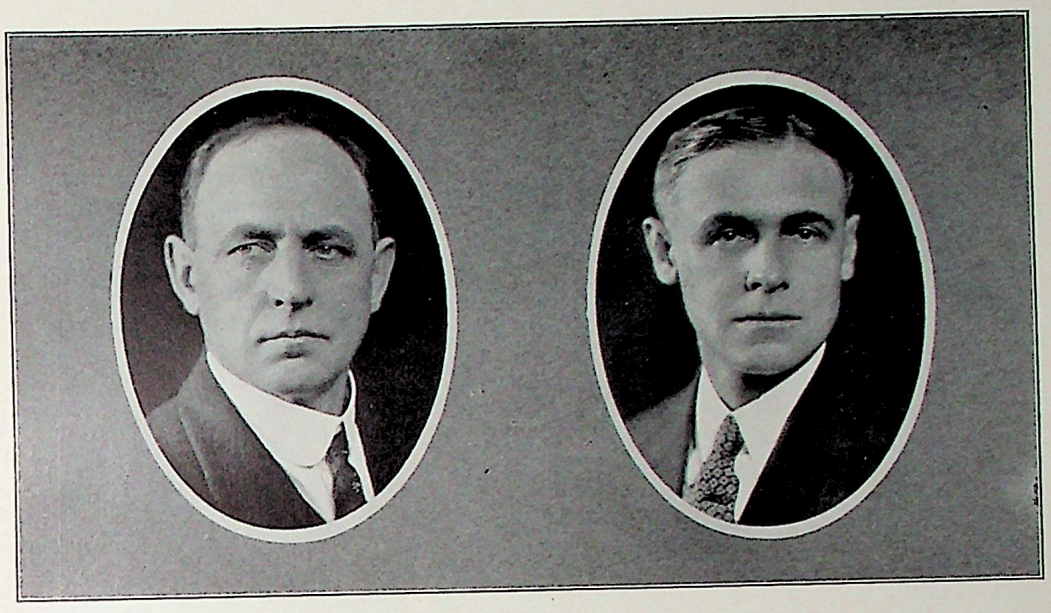

Department of Physics

Professor

ALBERT BALL, A.B.

Sigma Psi; A.B., Cornell University, 1901; member American Association for the Advancement of Science; Society for the Promotion of Engineering Education; associate member, American Institute of Electrical Engineers; in charge of Department of and Professor of Physics in 1912.

Assistant Professor

KARL HAUPTMAN, B.S.

1903—Graduated Cooper Union Day School of Technical Science with first graduating class of the Day School; B.S., Cooper Union Night School of General Science, 1903; Engineering Department of New York Telephone Co., 1903-1904; Instructor in Physics and Electrical Measurements, Cooper Union Night School, 1904; Instructor in Physics, Cooper Union Day School of Technical Science, 1905; Assistant Professor of Physics, Cooper Union, 1924.

Instructors

HAROLD MERITT, B.S.
WILLIAM H. SPAHN, B.S., E.E.
WILLIAM E. BOSSERT, B.S.
WALTER BODEN, B.S.
O. GERDIN, B.S.
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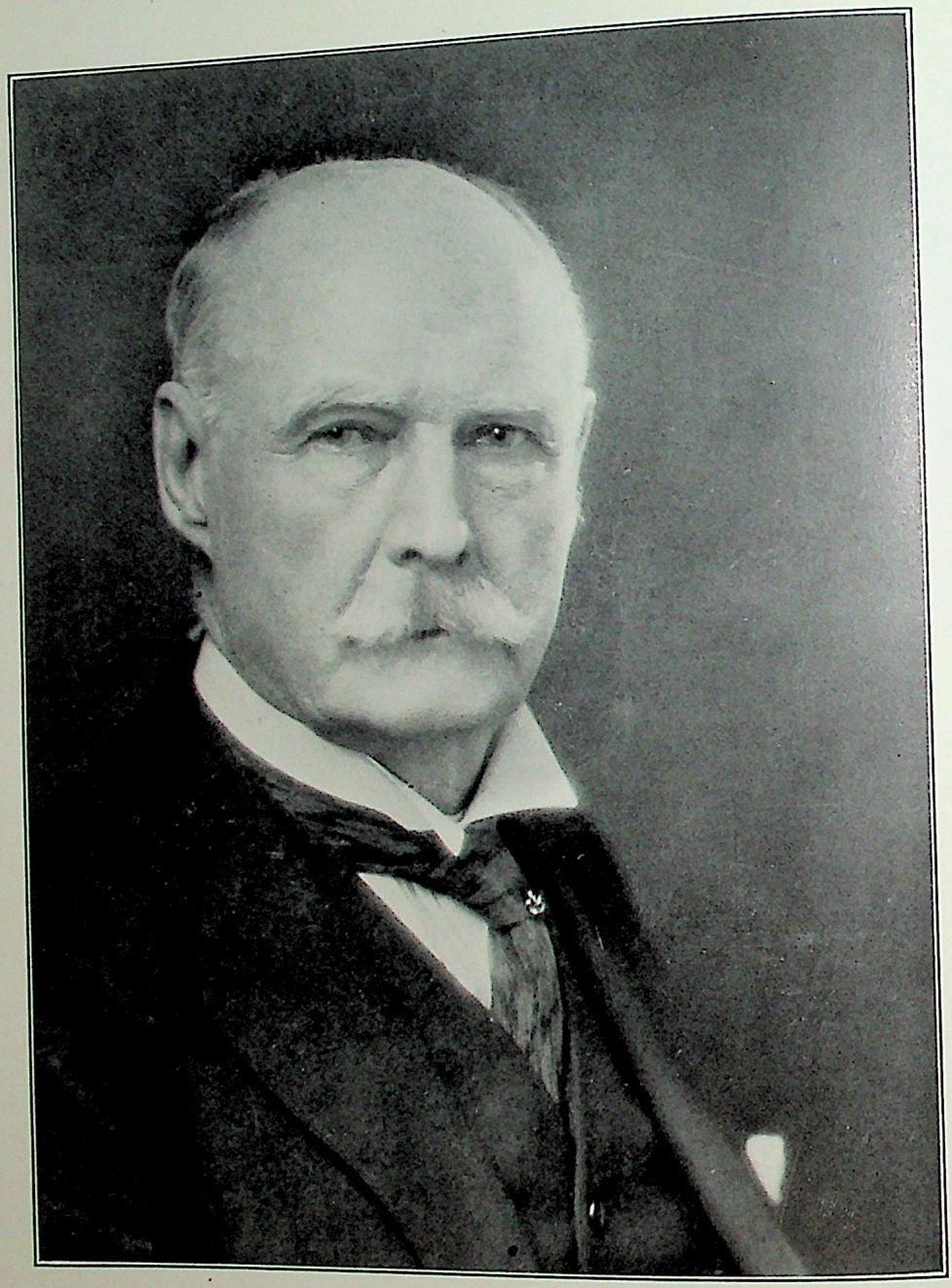
R. W. BURNS, A.B., B.S.
JOHN BOSSERT, B.S.
A. E. LOBECK, B.S.
A. J. LA FONTAINE, Lab. Asst.



Frederick Dielman, N. A.

Art Director and Chairman

Phi Beta Kappa; graduate of Calvert College, Maryland; studied in the Royal Academy and Polytechnic Institute, Munich; served for six years in U. S. Engineers' office; head of Department of Art, College of City of New York, '02-'17; president National Academy of Design, '77-'09, National Academician, '83; member Art Commission of New York City, '01-'04; Honorary Fellow for Life, Metropolitan Museum of Art; Honorary Member Institute of Architects, '09; member National Institute of Arts and Letters.

FACULTY

School of Art

FREDERICK DIELMAN, N. A.

Art Director and Chairman

EDWARD A. MILLER, B.S., C.E.

Architecture

B.S., Cooper Union, 1874; C. E. Cooper Union, 1914; Chief Engineer of Park Department, New York City, 1898-1920; member American Institute of Park Executives, Municipal Engineer of the City of New York, General Science Alumni, Alumni Federation, Pleiades, Verdi Club.

GEORGE T. BREWSTER

Sculpture

Preliminary Art Training, Mass. State Normal Art School; Student Ecole Des Beaux Arts. Work as sculptor dates from 1884. Founder modeling class. Art Students' League, 1886. Instructor, Art Department, Cooper Union, since 1900. Sculptures include: Statue of "Indiana," Indianapolis; Statue of "Hope," State House, Providence; "Defense of the Flag," in bronze, Athens, Pa.; "University Club Seal," entrance University Club, N. Y. C.; "Fountain of Nature," Pan-American Exposition; Eleven of Portraits of the Old Masters; Art Museum Exterior, St. Louis; Portrait, Relief, Prof. Anthony, Cooper Union, N. Y. etc.

HENRY A. GOLDSMITH

Furniture Design

Graduate of Ohio Institute, Cincinnati Art Academy and Cooper Union, N. Y. Studied extensively in Europe, and for twenty-five years Designer of Interior Decorations .

FREDERICK EHRLICH

Design

Student, Cooper Union; studied under C. S. Reinhardt, Walter Appleton Clark; Art Students' League, National Academy of Design, Teachers' College. Advisory Council, Roscoe School of Art and Design.

WILLIAM B. STARKWEATHER

Sculpture

ETHEL TRAPHAGEN

Fashion Design

Graduate of National Academy of Design, Art Students' League, Chase School and Cooper Union. Director Traphagen Cooperative School of Fashion. Staff, "Ladies' Home Journal" and Dress Magazine.

C. CIAMPAGLIA

Modeling

WILLIAM D. DODGE

Life Class

Studied in Paris and Munich; Student Ecole des Beaux Arts. Medalist: Concours d'Atelier; Cours Yvoni; Paris Salon, 1888; Chicago Exhibition, 1893. Works: Dome Adm. Bldg., Chicago, Expn.; N. W. Pavilion, Library of Congress; Empire Thea., N. Y.; Hall of Records, N. Y. C.; Acad. of Music, Bklyn., N. Y.; Cafe de l'Opera; Folies Bergere Thea., Paris; Tower of Jewels, Pan. Pac. Ind. Exp.; "Fort de Vaux," Verdun, 1918; "Signing of Peace," Versailles, 1919; Teachers' Coll., Ia.; Mothers Hq., Rice Mem., N. Y.; Flag Room, State Capital, N. Y.; Director of Color, Sesqui-Centennial Exp., Phila., 1926, etc.

SCHOOL OF ART

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Julius Joseph

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H. Cederstrom
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C. Ciampaglia
Life Class

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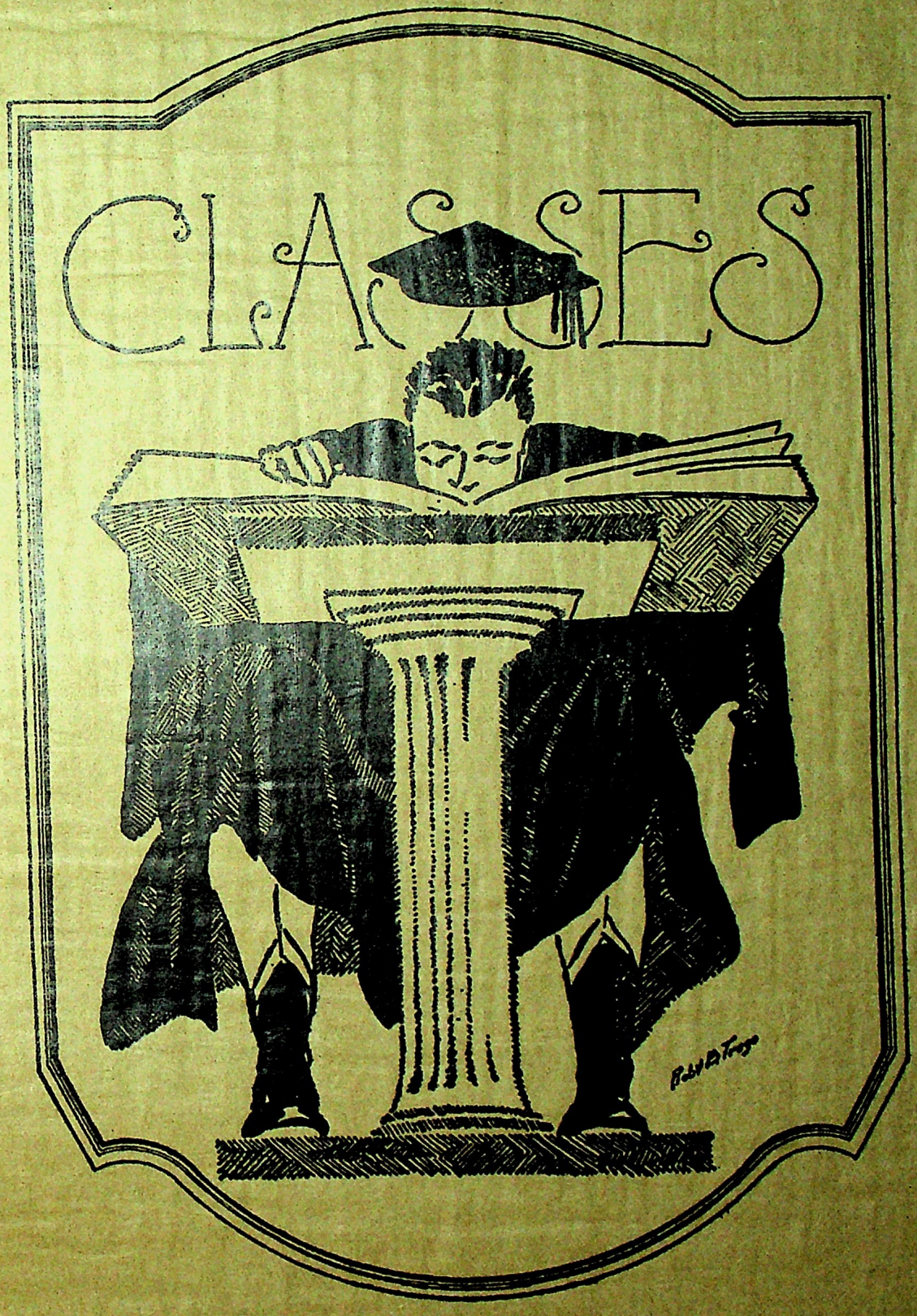
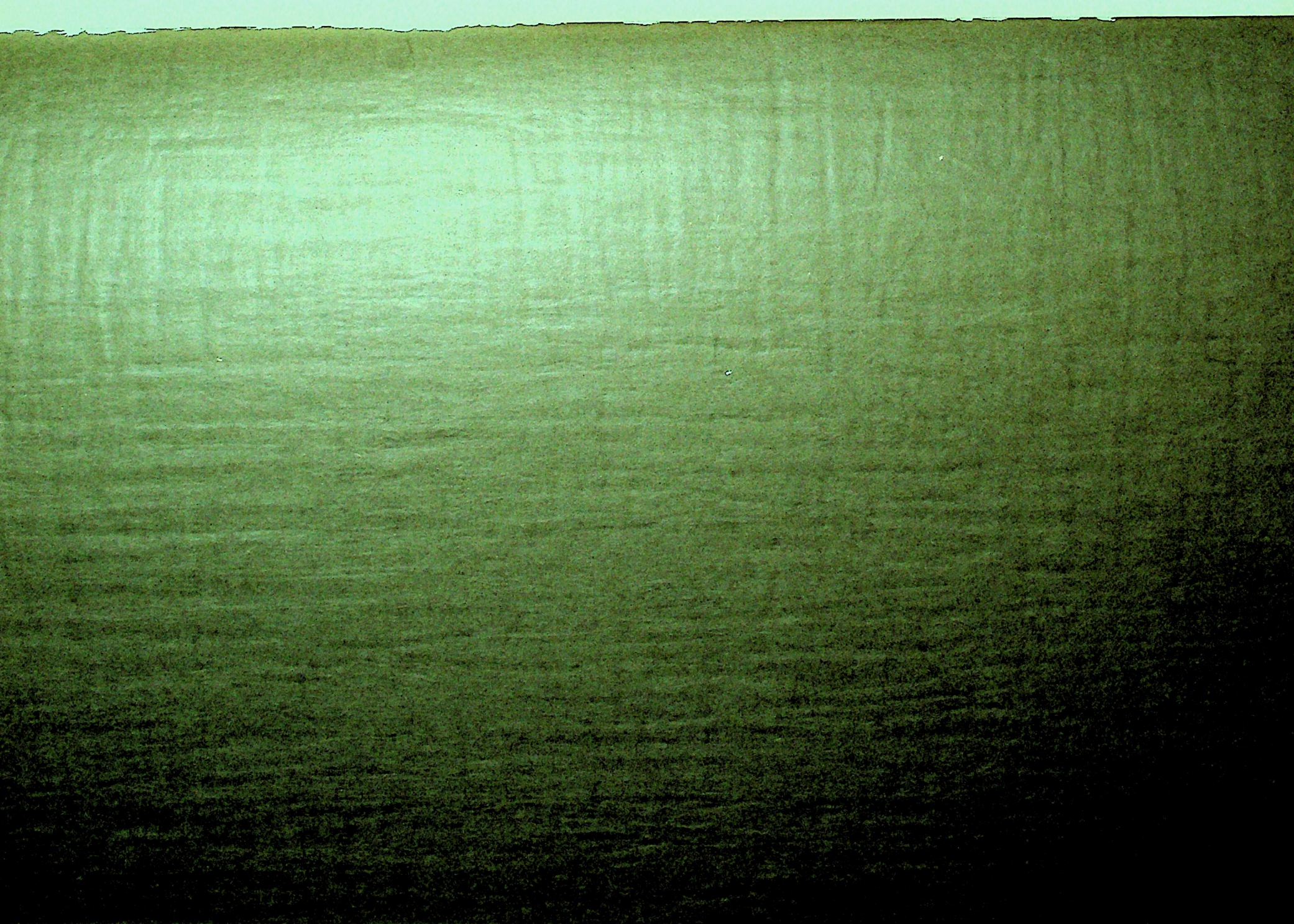
Sculpture

William B. Starkweather
Antique Class (Advanced)

FASHION DESIGN

Ethel Traphagen
Constance Reed


CLASSES



NICK MAURO

The SENIORS

Chemistry, 1927

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T. W. HEGINBOTHAM

Vice-President
J. W. KOUTENSKY

Secretary-Treasurer
C. W. KAISER

SIX long years ago thirty enthusiastic scholars wended their way nightly to the first year Chemistry laboratories or lecture rooms with the determination to "do or die." At the close of the school year the thirty dwindled down to thirteen, but the enthusiasm, shown by their participation in school activities, was far superior to that shown by the original group.

The second year was spent merrily analyzing paint pigments and various commercial products, including a well-known roach powder. Social activities were numerous but usually stag.

During these two years Connolly and Ceglowski had shown their ability to guide the class through treacherous channels, and at the beginning of the third year the reins were passed over to Clifford F. Kaiser (of Sea Cliff—Long Island fame). The addition of several more would-be chemists to the class at the beginning of this year instilled a new spirit among its members. This spirit was needed, everyone claimed, as that much dreaded Physics would have to be passed. The rest of the course would be easy—after navigation of this third year.

Came the end of the year and few were the casualties thereof. The fourth year rolled along merrily under the leadership of Ceglowski, but the enthusiastic support of outside activities began to dwindle. Drab and melancholy as the year had been none regretted the approach of the fifth year. This was to be one of those "easy" years.

The class, now under the guidance of Carter, delved into organic chemistry as presented by Mr. Weaver, and certainly absorbed more than in any previous year. Work! Nothing but! And still they all admit they would like to come back for more.

Once more we were informed of an easy year. The sixth year? Nothing but looking busy. A little work. Not much to be done, etc. With the opening in the Fall came the glad tidings. Mr. Coule, of Aberdeen, was to be in charge of the sixth year physical chemistry course. Speculation? Much and varied. Needless to say no one was able to guess right. If the president of the class, M. Heginbotham, were asked to say a few words, he would probably say: "This year is the hardest and toughest year we have had at Cooper." And so it is.

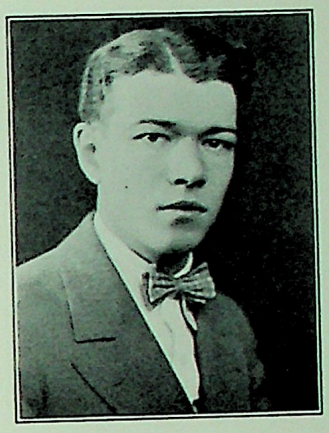
THE HISTORIAN.

Civil Engineering, 1927

President
MAX A. RHEINBOLDT

Vice-President
GERALD GLASER

Secretary-Treasurer
GORDON SKAU



ALTHOUGH H. G. Wells failed to record the event, the Civil Engineering Class of 1927 entered the halls of Cooper in October, 1921. It was the usual collection of very green material, numbering some seventy-five aspirants, all showing determination to succeed.

In the years that followed, each new term showed the weary ones falling by the wayside, until today but a handful of those who were once classmates remained.

The many banquets, class dances, and the Founders Annual Ball during the undergraduate years will forever recall the spirit of college days. The Junior Prom at the St. Regis will live forever, with the bevy of beautiful girls, low-cut gowns, dimpled knees, colored lights, and last, but not least, the silver flask touched by many lips!

As the finale to our social life the Spring Senior Dance was given at The Claridge. It was a social success, those attending feeling their senior dignity and swaying forth in haughtiness which was rightfully theirs.

And then came the greatest moment of our lives since our attendance at our Alma-Mater—COMMENCEMENT NIGHT. How proud we felt when we received our reward of five years' study in the form of our Bachelors degree, our sheepskins!

It is all over now, and we go forth in the world to do what we were taught to do and take our place among the men who make our profession. No matter what our lot may be, we, The Civil Engineering Class of 1927, will go forth with praise for all that Cooper did for us. May Peter Cooper's institution continue its glorious work, true to its purpose and firm in its convictions.

THE HISTORIAN.

Electrical Engineering, 1927

President
ARTHUR CORNISH

Vice-President
JOSEPH KAHN

Secretary
HAROLD F. MAY

Treasurer
GEORGE FOY

HARK ye! the potential alumnus speaks.

The time draws near when E. E., '27 must bid adieu to its Alma Mater. We have sported this title for a year or more, the time varying inversely as the intellect. We, embryo Edisons, have been busier than buck privates at mess call trying to keep up with the Dean's A. C. circuits, but withal, we managed to take a very active part in Cooper's social whirl. In March, the Hotel Claridge was honored by our presence at the Senior Hop. At this gala affair, the Seniors made new acquaintances and renewed old ones. which will not be forgotten for many years to come. Incidentally, the affair was an entire success it its chief purpose, which was to appease our fair companions for previous desertions during the year.

Neither have we been lax in sports as is indicated by the fact that E. E., '27 was a potent contender in the interclass basketball tournament and has always been active in defending Cooper's name upon the field against rival colleges.

With the approach of graduation from the institution the class has learned to love, it seems logical to extend the heartfelt wishes of the few surviving members to the school and to the professors who have endeavored to increase their store of knowledge.

None of the class have any doubt that the smallness of the graduating body will be offset by the quality and magnitude of the deeds they will accomplish in their chosen field.

THE HISTORIAN.

CLASS HISTORY

Tech, 1927

President
CARLYLE W. MILLER

Vice-President
THOMAS GUERIN

Secretary
JOSEPH REIBEISEN

Treasurer
ABNER J. VERNON

FOUR years ago Tech '27 was a lusty young creature with a strength of about one hundred and twenty-five rollicking, hopeful young engineers. It was like a child newly born, and with a great curiosity to learn about its future Alma Mater. Its first lesson was indeed delightful. A little reception party to the Freshmen, tendered by the Students Council. Ice cream, cake and a good time was had by all in the Physics Lecture Hall. The second lesson was also a surprise party, this time arranged by Prof. Ball in the form of a Physics exam. There was no ice cream and cake but there was plenty of Physics. And so went the first year, the youngster growing up, learning its lessons, and its body growing stronger but thinner for many of the freshies were lost on the way.

When the hopeful young Tech '27 entered the second year it discarded its diapers, put on long pants and woke up to the fact that there was a Women's Art School. This did not hinder the child from having its fling and there was a class dinner, a hike and several wonderful beach parties out at Long Beach. As the year grew to an end the boy Tech '27 became more mature, threw away his cigarettes, adopted a pipe and called itself a Junior.

The Junior year was the hardest grind devised by the Faculty and sure did cut down the class. Grind or no grind much was done that year. There was a not-to-be-forgotten Prom, more beach parties and a CABLE to be gotten out and paid for.

Then came the last and best year of them all. The fellows knew and understood each other better, they were on a more personal footing with the Faculty, and on the whole, school life was more enjoyable. The most memorable event of that last year was the class dinner. It was everything a dinner should be. Brilliant speeches from three members of the faculty, excellent entertainment furnished by the talented members of the class, and a wonderful meal.

So ended a four years' stay at Tech. The child having grown to manhood only to step out into the world a child again.

THE HISTORIAN.

Architecture, 1927

President
CARL A. RUMPF

Vice-President
RAYMOND ROCHLIN

Secretary
NAT H. BROMBERG

Treasurer
VINCENT J. BUCHNER

THE first leaves of the book of our lives are about to be uncovered, as we are starting in the shaping of our careers. The few incidents which are narrated here are mere trifles in our future destinies, yet they have been effective in the bonding of friendship among the classmates at Cooper Union.

In the Fall of 1922 a group of ambitious students entered the halls of Cooper to pave their way to fame in the Architectural field. Friendships were formed and studies were soon started.

Athletics early entered into the class life, football, basketball, baseball, swimming and track becoming items of keen interest. Naturally a few leaders appeared and urged the others onward. Thus the first year fled swiftly by.

After a restful vacation, studies commenced again, the class spirit being stronger than ever. Class teams were formed in all athletics, especially in basketball. Although our basketball team did not take the championship, they were the last to fall before the victors. Again the year had passed and we received another deserved vacation.

As Juniors the classwork was more difficult, but more interesting. The Junior Prom was held and it was indeed an affair never to be forgotten.

In the fourth and final year at Cooper we were more active than ever. Our Senior Dance exceeded all expectations. Plans are under way for a theatre party and dinner as a fitting climax to our four years of comradeship at Cooper.

As a last word, let us hope that until the final pages of our lives have been turned, we shall strive to do credit to the institution that started us on our way—our Cooper Union.

THE HISTORIAN.

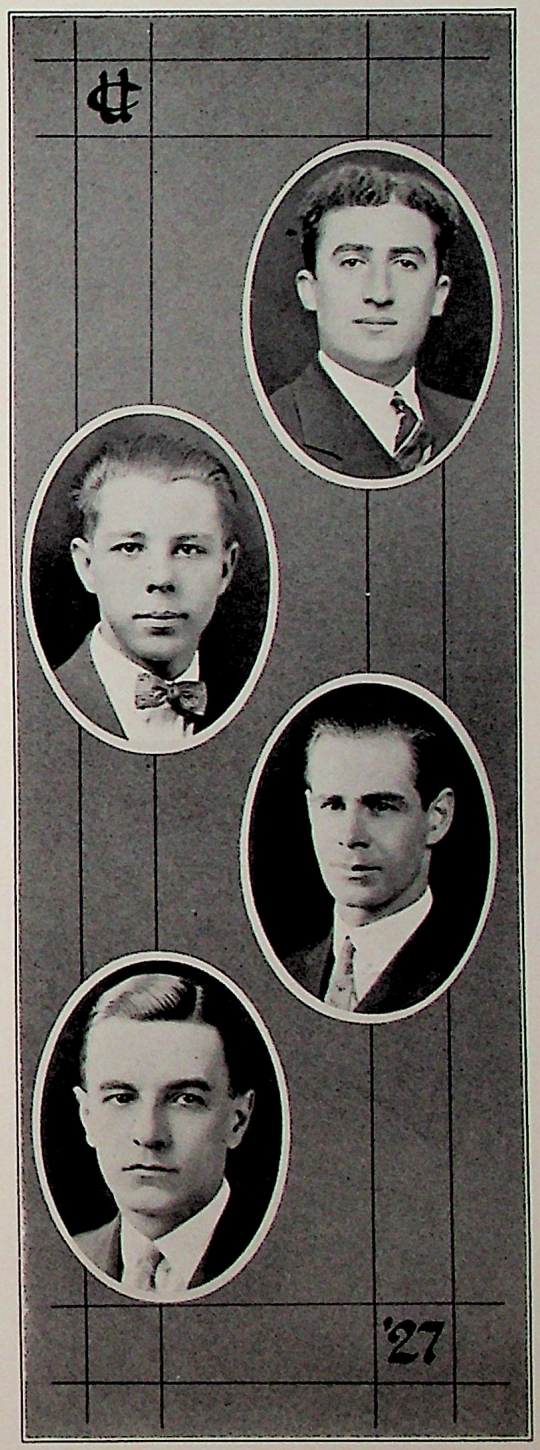
BARONIG BARONIGIAN, B. S.
"Baron"
Electrical Engineering
A. I. E. E.

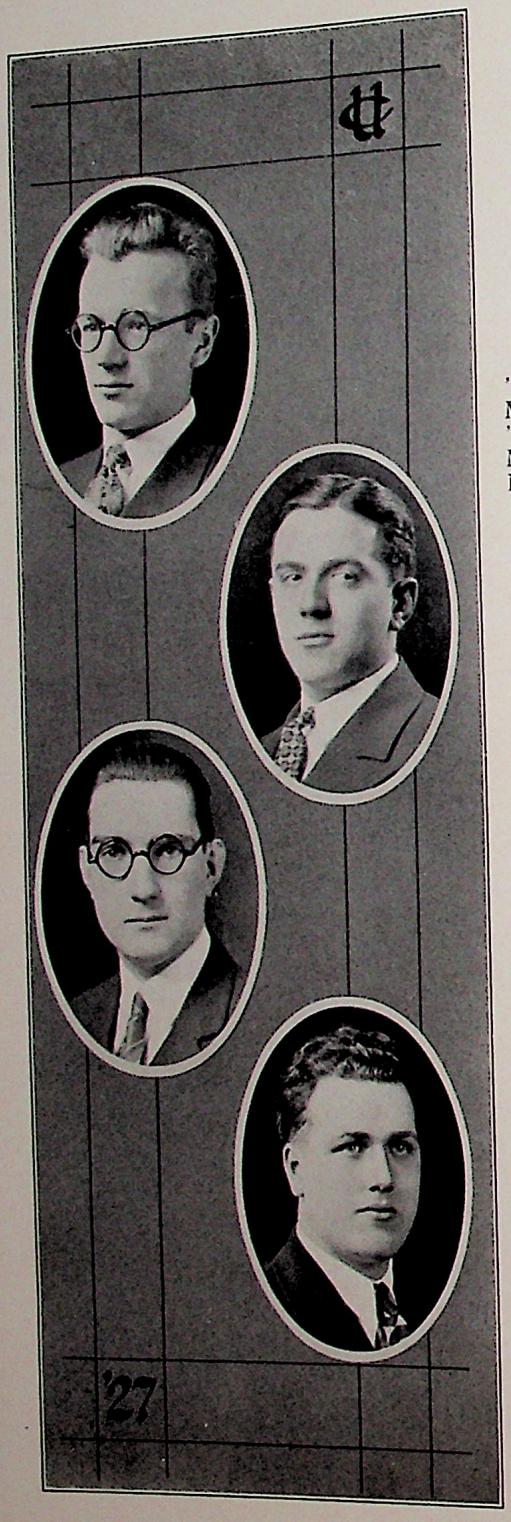
WILLIAM C. BECKMANN, B. S.
"Bill"
Φ Σ Ω
Electrical Engineering

FREDERICK T. BROWN, B. S.
"Fred"
Civil Engineering
A. S. C. E.

HORACE M. CARTER, B. S.
"Pharmacist"
Chemistry

C. U. N. S. C. Rep., '26; Class Ent Comm., '24, '25, '26.





JOHN M. CEGLOWSKI, B. S.

"Sig."

Σ T P

Chemistry

Class Vice-Pres., '22; Class President, '23, '25; Asst. Bus. Mgr, "Pioneer," '24; Bus. Mgr. "Pioneer," '25; Adv. Mgr. "Pioneer," '26; Assoc. Editor, "Pioneer," '27; Adv. Mgr. '26 Cable; C. U. N. S. C. Treas. '26; Ent. Comm. C. U. N. S. C. '26; C. U. N. S. C. Pres., '27; Ex Post Facto, '27.

SOLOMON CHESLER, B. S.

"Sol"

Civil Engineering

A. S. C. E.

JOSEPH CONNELLY, B. S.

"Konnoh-ly"

Ω Δ Φ

Chemistry

Class Pres., '22; Class Vice-Pres., '26.

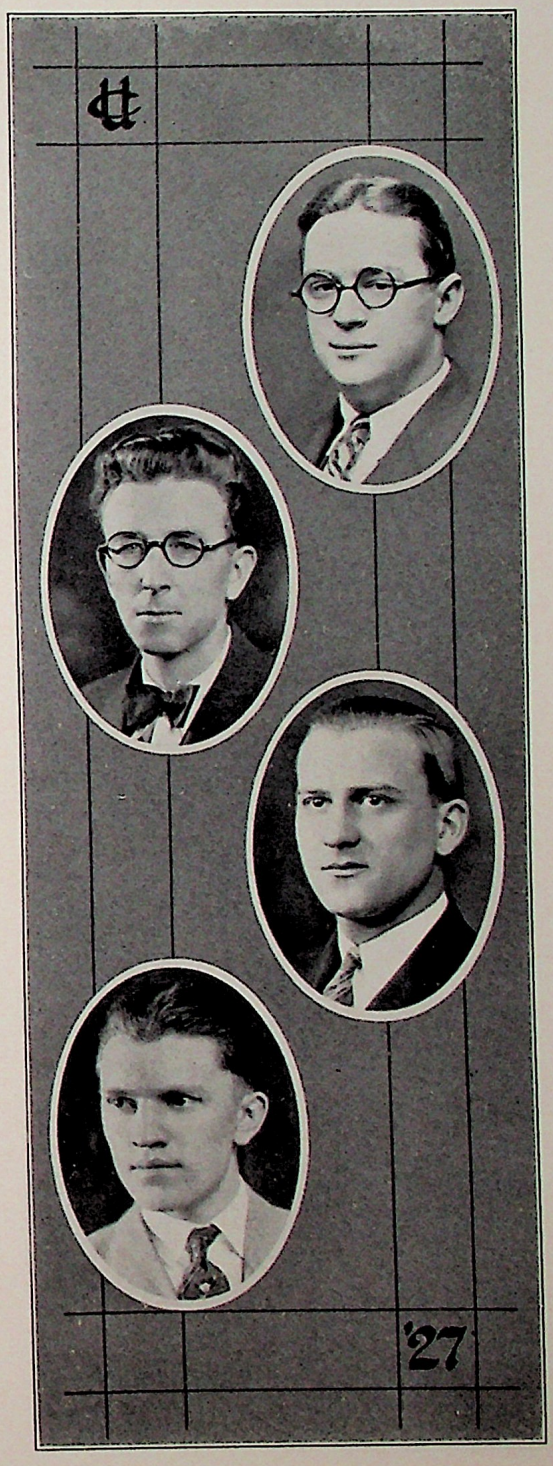
ARTHUR H. CORNISH, B. S.

"Half Pint"

Ω Δ Φ

Electrical Engineering

Track and Football Team, '23, '24, '25, '26, '27; Ent. Comm. C. U. N. S. C., '26; C. U. N. S. C. Vice-Pres., '26; C. U. N. A. O. Treas., '27; Class Vice-Pres., '25; Class Pres., '26, '27; Class Basketball, '24, '26, '27; A. I. E. E.



FRANK G. COSMEN, B. S.

"Cos"

Φ Σ Ω

Civil Engineering

Class Vice-Pres., '22; Pioneer, '23; Class Pres., '24, '25, '26; Editor-in-Chief "1926 Cable"; Senior Editor "1927 Cable"; Ex Post Facto Chairman, '27; A. S. C. E.

W. A. CRITCHLEY

"Critch"

Electrical Engineering

A. I. E. E.

DE ANGELIS, G.

"Bibs"

Σ A Π

Electrical Engineering

Varsity Basketball, '24; Varsity Baseball, '22, '23; A. I. E. E.

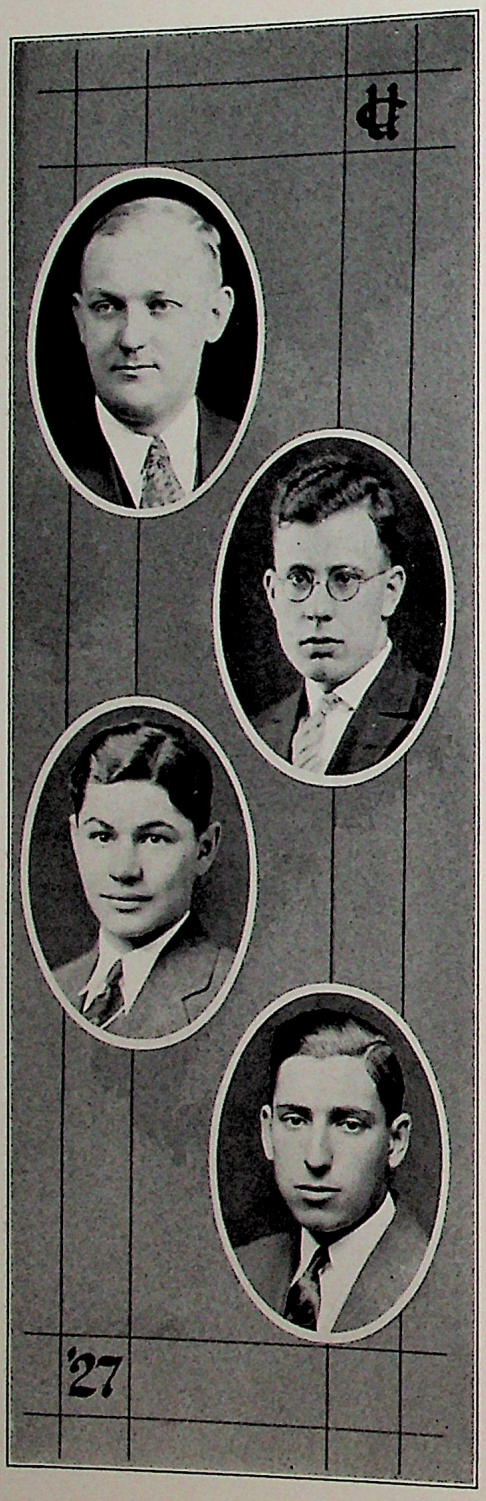
ROBERT G. EINICKE, B. S.

"Bob"

Φ Σ Ω

Electrical Engineering

Class Pres., '24, '25; Class Treas., '26; Circ. Mgr. Cable, '26; Ex Post Facto, '27; A. I. E. E.



WILLIAM S. ELLIOTT, B. S.

"Bill"

Ω Δ Φ

Civil Engineering

Graduate B.S. in M.E. Cooper U., '23.

G. FOY

"George"

Electrical Engineering

Pioneer Rep., '27.

GERALD GLASER, B. S.

"Jerry"

Φ Σ Ω

Civil Engineering

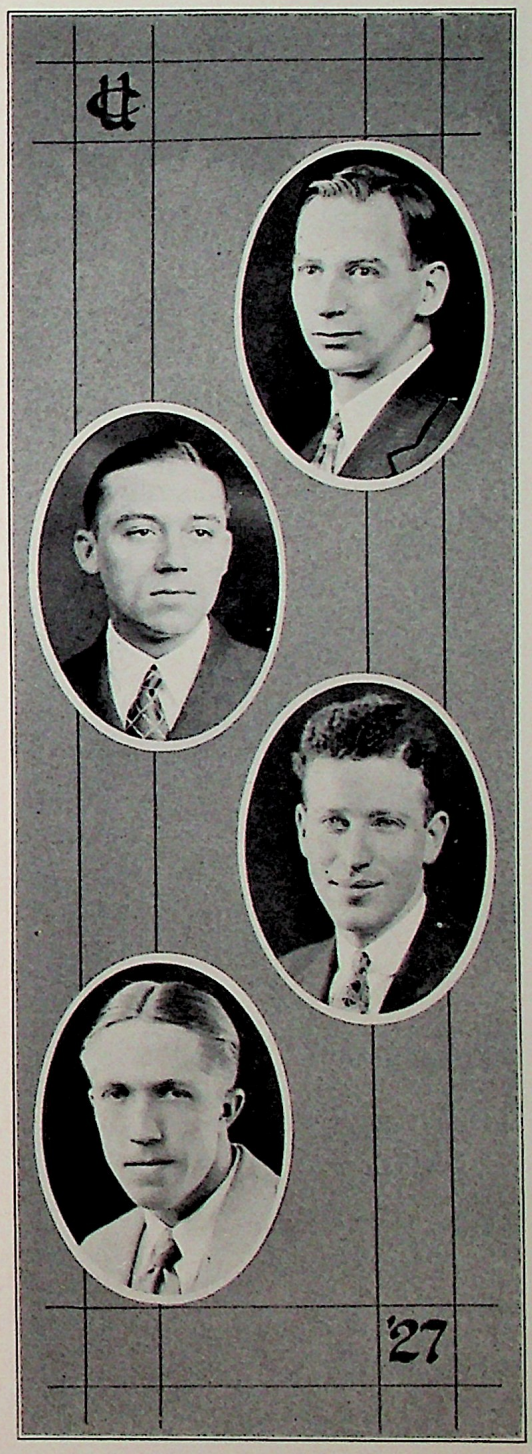
Assoc. Circ. Mgr. "1926 Cable"; Class Vice-Pres., '27; Ex Post Facto; A. S. C. E.

HENRY GREENBERG, B. S.

"Hank"

Civil Engineering

A. S. C. E.



J. A. HARTE

"Joe"

Electrical Engineering

A. I. E. E.

W. JOSEPH

"Bill"

Electrical Engineering

A. I. E. E.

J. R. KAHN

"Roosevelt"

Electrical Engineering

Junior Prom Comm., '26; Treas. Stud. Br. A. I. E. E., '26; Vice-Chairman Stud. Br. A. I. E. E., '27; Senior Class Vice-Pres., '27; Senior Dance Comm., '27.

CLIFFORD F. KAISER, B. S.

"Cliff"

Σ T P

Chemistry

Class Vice-Pres., '23; Class Pres., '24; Asst. Bus. Mgr. "Pioneer," '25; Bus. Mgr. "Pioneer," '26; C. U. S. L. Ent. Comm., '23.

HARRY E. KAMPF, B. S.

"Harry"

Civil Engineering

JOSEPH W. KOUTENSKY, B. S.

"Joe"

Chemistry

Class Sec.-Treas., '23; Class Vice-Pres., '24.

AARON LEVIN, B. S.

"Arthur"

Civil Engineering

A. S. C. E.

JOHN J. LUEDEKE, B. S.

"Luddy"

Chemistry

R. D. MARTIN

"Bob"

Electrical Engineering

A. I. E. E.

HAROLD F. MAY, B. S.

"Mae"

Electrical Engineering

Class Sec., '24, '25, '26, '27; Staff Editor "1926 Cable"; Ex Post Facto; A. I. E. E.

FRANK H. McENANEY, B. S.

"Mac"

ΦΣΩ

Electrical Engineering

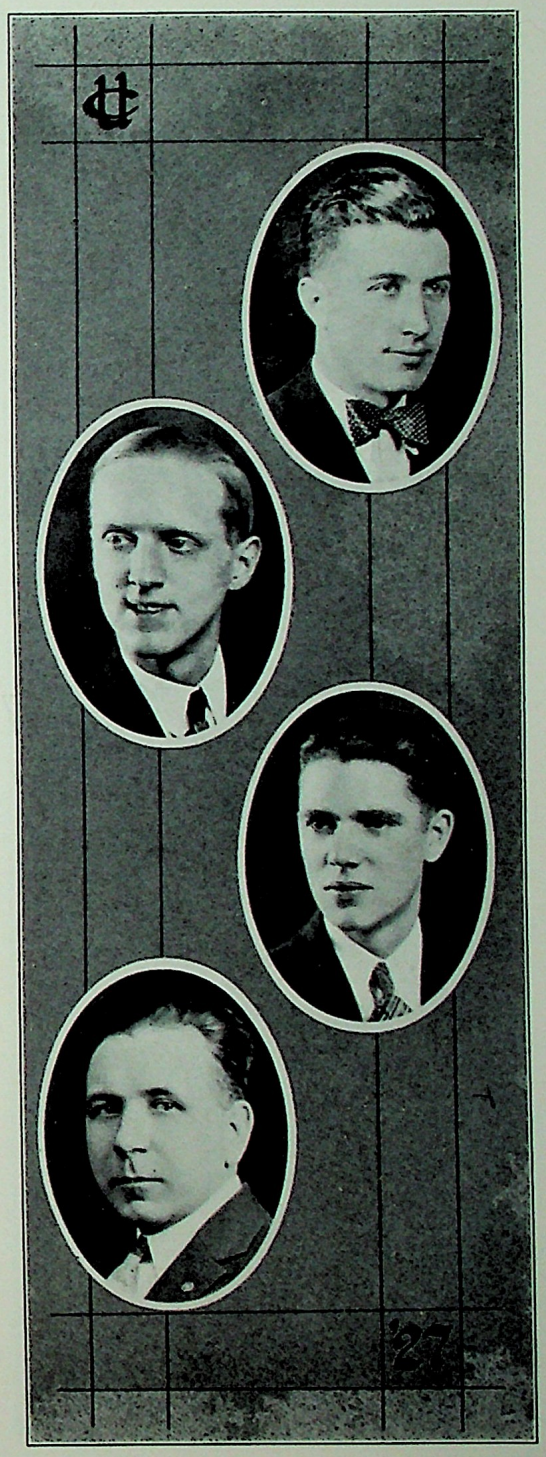
Class Vice-Pres., '26; Pioneer, '26; A. I. E. E.

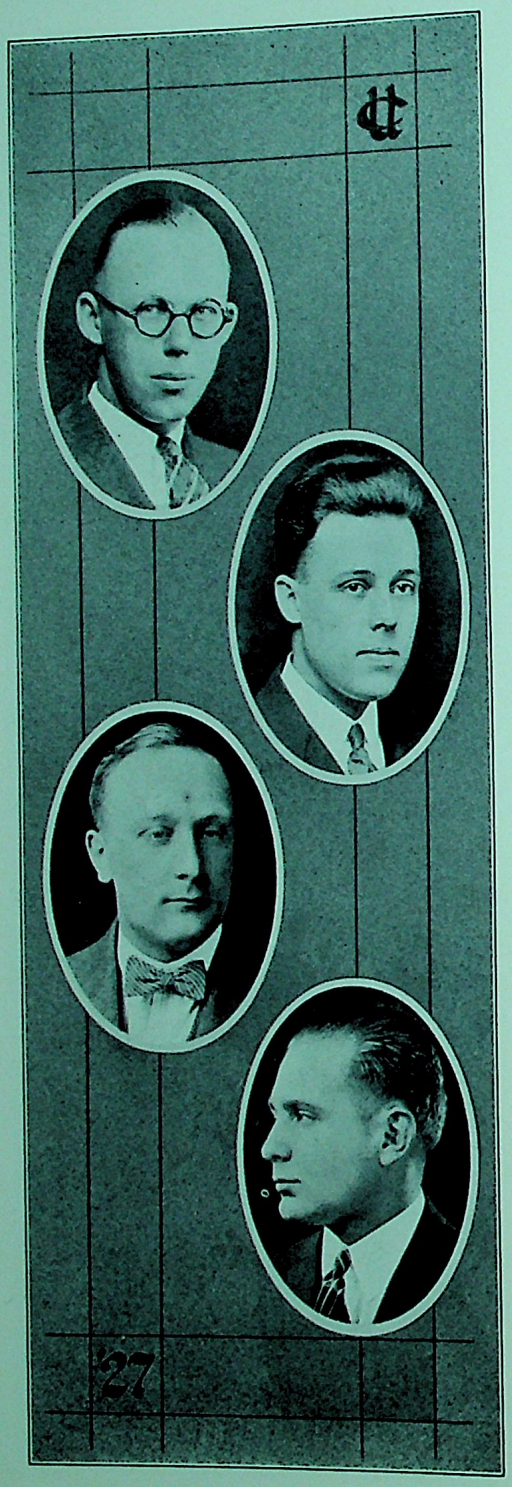
FREDERICK H. MILLER, B. S.

"Fred"

Electrical Engineering

A. I. E. E.





ROY T. NIELSEN, B. S.
"Nails"
ΦΣΩ
Civil Engineering
A. S. C. E.

EMIL D. OTTO, B. S.
"Amiel"
Electrical Engineering
A. I. E. E.

RICHARD C. PFARRER, B. S.
"Dick"
Electrical Engineering

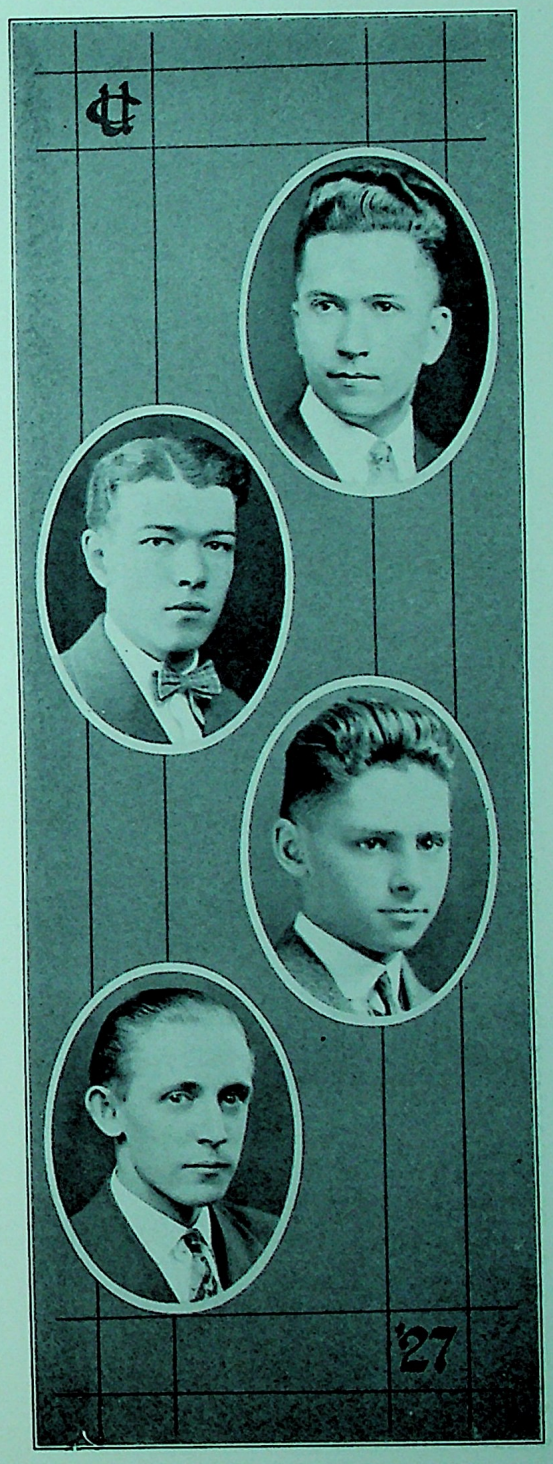
ADRIAN PITROT, B. S.
"Frenchy"
Chemistry

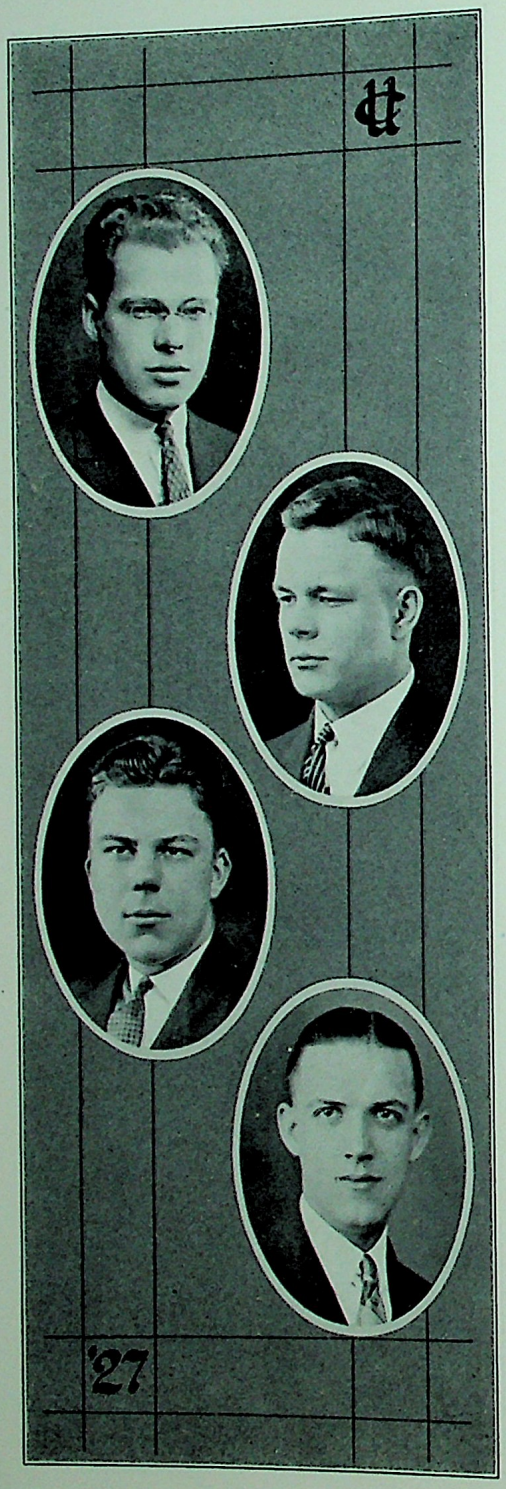
IRAD S. RAFUSE, B. S.
"Ray"
Ω Δ Φ
Electrical Engineering
A. I. E. E.

MAX A. RHEINBOLDT, B. S.
"Rheinny"
Civil Engineering
A. S. C. E.

D. ROBERTSON
"Scotch"
Electrical Engineering
A. I. E. E.

E. A. ROCHAU
"Roxy"
Electrical Engineering
A. I. E. E.





F. W. SCHLOTTMANN

"Fred"

Electrical Engineering

A. I. E. E.

EARNEST SEGGESSEMAN, B. S.

"Nurnst"

Chemistry

GORDON G. SKAU. B. S.

"Don"

Φ Σ Ω

Civil Engineering

Class Treas., '26; Class Sec., '27; Treas. C. U. Branch A. S. C. E., '26; Vice-Chairman C. U. Br. A. S. C. E., '27; A. S. C. E.

RAYMOND F. SQUIRES, B. S.

"Ray"

Φ Σ Ω

Electrical Engineering

A. I. E. E.

HARRY TRACHTMAN, B. S.

"Herra"

Electrical Engineering

A. I. E. E.

JOHN R. TROY, B. S.

"Trojan"

Electrical Engineering

A. I. E. E.

LEONARD VIETH, B. S.

"Dutch"

Ω Δ Φ

Electrical Engineering

Athletic Editor "1926 Cable"; Ex Post Facto; Graduate—B.S. in M. E. Cooper Union.

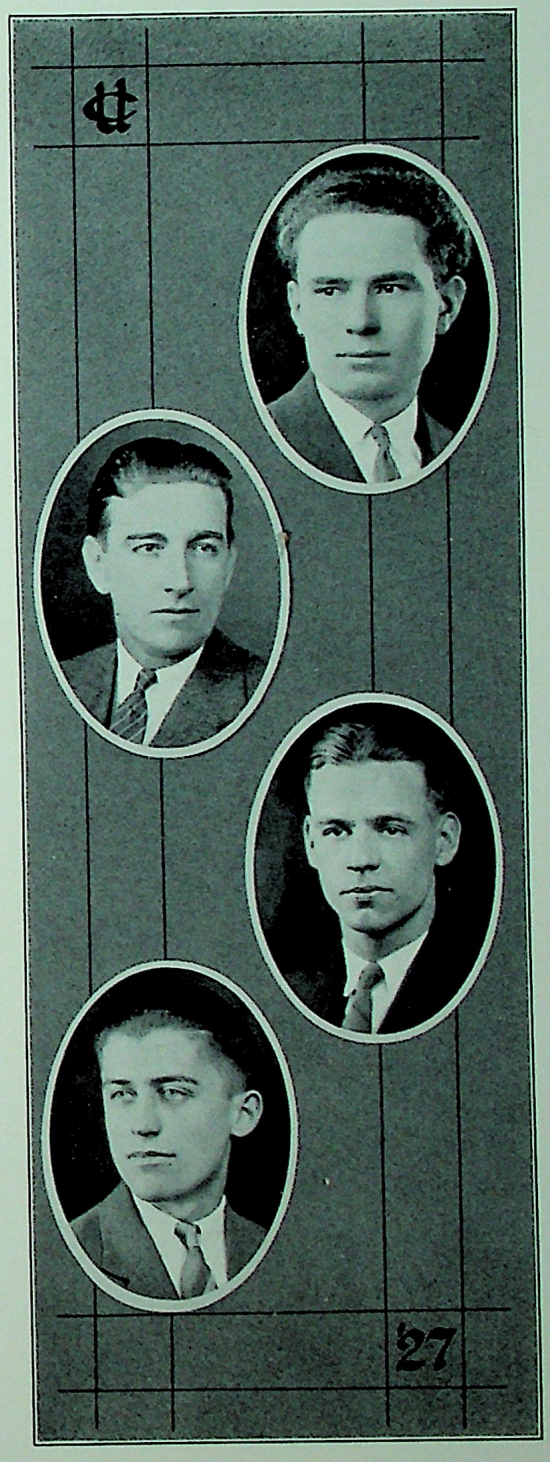
MARSHALL F. ACKEN, B. S.

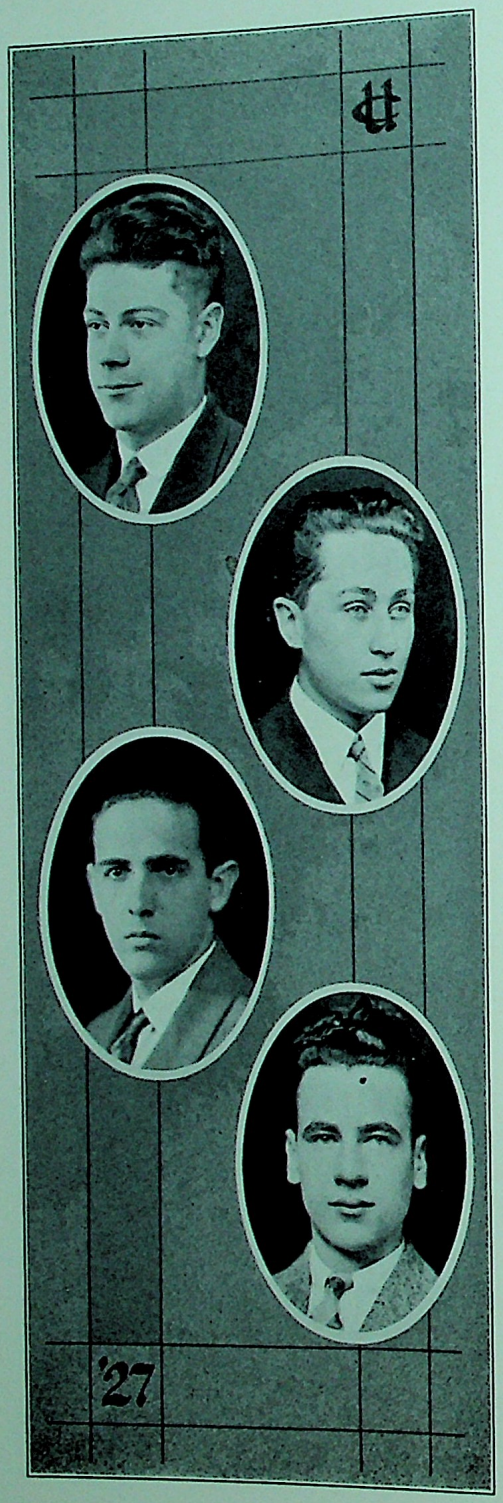
"Mush"

Λ Σ K

Chem. Engineering

C. U. S. C. Delegate, '24, '25, '26, '27; Class Treas., '25; Exchange Editor Pioneer, '25.





GEORGE AUWARTER, B. S.

"Red"

Chem. Engineering

ABRAM BLOOM, B. S.

"Bloom"

Civil Engineering

Student Branch A. S. C. E., '26, '27; Student Council, '26; Math Club, '24, '25.

GUILLERMO E. CINTRON, B. S.

"Bill"

Λ Σ K

Mechanical Engineering

HAROLD L. CRAMER, B. S.

"Stretch"

Λ Σ K

Electrical Engineering

C. U. S. C. Del., '27; Track Team, '23, '24, '25, '26; Track Manager, '26; Junior Prom Comm., '26; Baseball, '27; A. I. E. E.

HENRY C. ECKHARDT, B. S.

Chem. Engineering

C. U. S. C. Delegate, '26; President Chem. Club, '26; Rifle Club.

SAMUEL FELDMAN, B. S.

"Sam"

Civil Engineering

Math Club, '24, 25; Class Basketball, '26; A. S. C. E., '26, '27; Senior Ent. Comm., '27; Rifle Club.

RICHARD C. FRENCH, B. S.

"Dick"

Civil Engineering

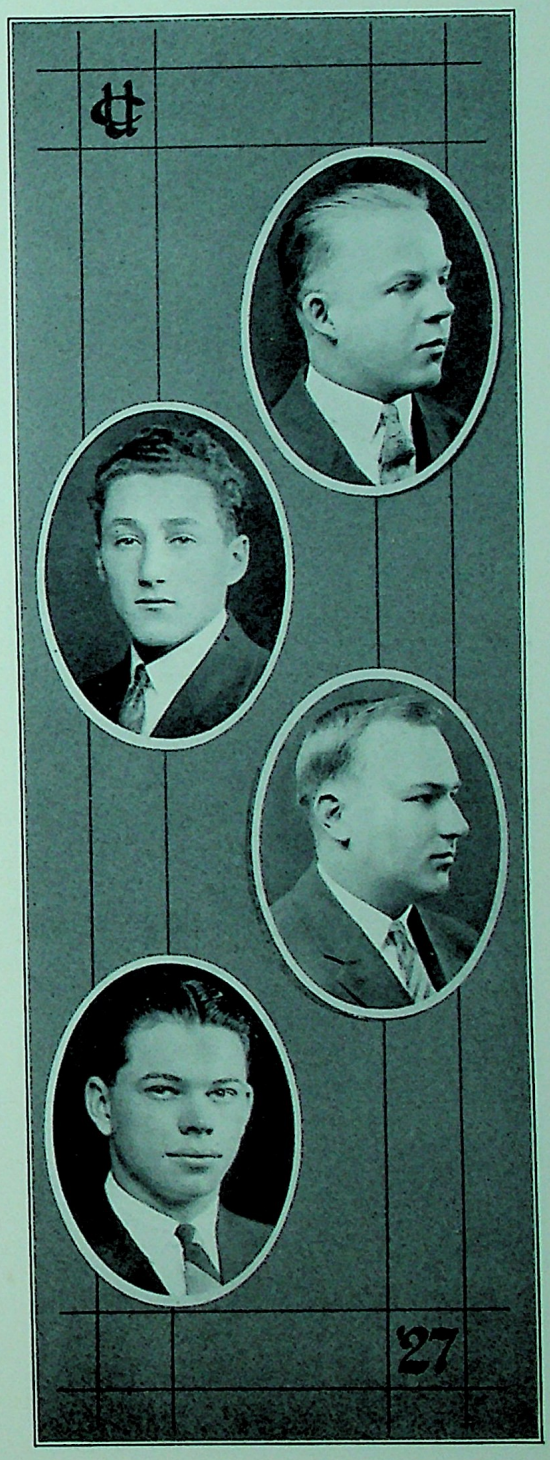
Student Br. A. S. C. E.; C. U. S. C. Del., '25, '26, '27; Vice-President Class '25; Pres. Rifle Club; Pres. Chess Club.

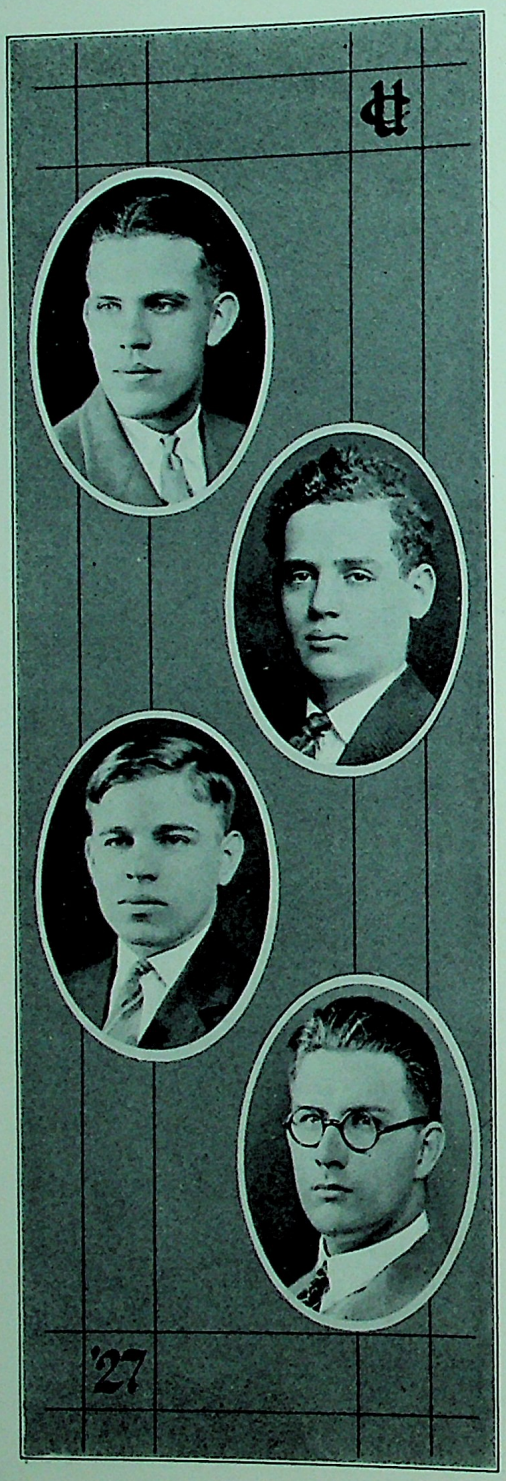
THOMAS GERARD GUERIN, B. S.

"Tommy"

Civil Engineering

C. U. S. C., '24; Class Sec'y, '24; Class Vice-Pres., '27; Asst. Mgr. Baseball, '24; Class Basketball Team, '26, '27; A. S. C. E.; Rifle Club Treas.





LESTER C. HAMMOND, B. S.

"Les"

Σ A Π

Civil Engineering

Class Pres., '25; C. U. S. C. Sec. '25; Vice-Pres., '26; Vice-Pres. A. A., '26; Asst. Baseball Mgr., '26; Secretary Stud. Br. A. S. C. E., '26; Pres. C. U. S. C., '27; Mgr. Baseball, '27; Chairman Stud. Br. A. S. C. E., '27; Class Basketball, '24, '25, '26, '27; Rifle Club.

SAMUEL LUBKIN, B. S.

"Lub"

Electrical Engineering

Pres. Math Club, '25; Vice-Pres. Chess Club; A. I. E. E.

CUSTER LYNN, B. S.

"Osmosis"

Chem. Engineering

Rifle Club; C. U. S. C.

FREDERICK WM. METZGER, B. S.

"Freddie"

Electrical Engineering

A. I. E. E.

CARLYLE W. MILLER, B. S.

"Carl"

ΣΑΠ ΜΑΟ

Electrical Engineering

Pres. Class '27; Vice-Pres. 26; Tech Editor "1926 Cable"; Ex Post Facto; C. U. S. C. Del., '26, '27; Senior Executive Member C. U. S. C., '27; A. A. Exec. Comm., '25, '26, '27; Financial Sec. A. A., '27; Asst. Mgr. Basketball, '26; Mgr. Basketball Team, '27; Varsity Basketball, '25, '26, '27; Capt. Varsity Basketball, '27; Varsity Baseball, '25, '26, '27; Capt. Varsity Baseball, '27; Scholarship, '25, '26, '27; Chairman Junior Prom, '26; Interclass Basketball, '26, '27; A. I. E. E.

FREDERICK OBERGFELL, B. S.

"Fred"

Electrical Engineering

A. I. E. E.

RUDOLPH M. PAULSON, B. S.

"Ruddy"

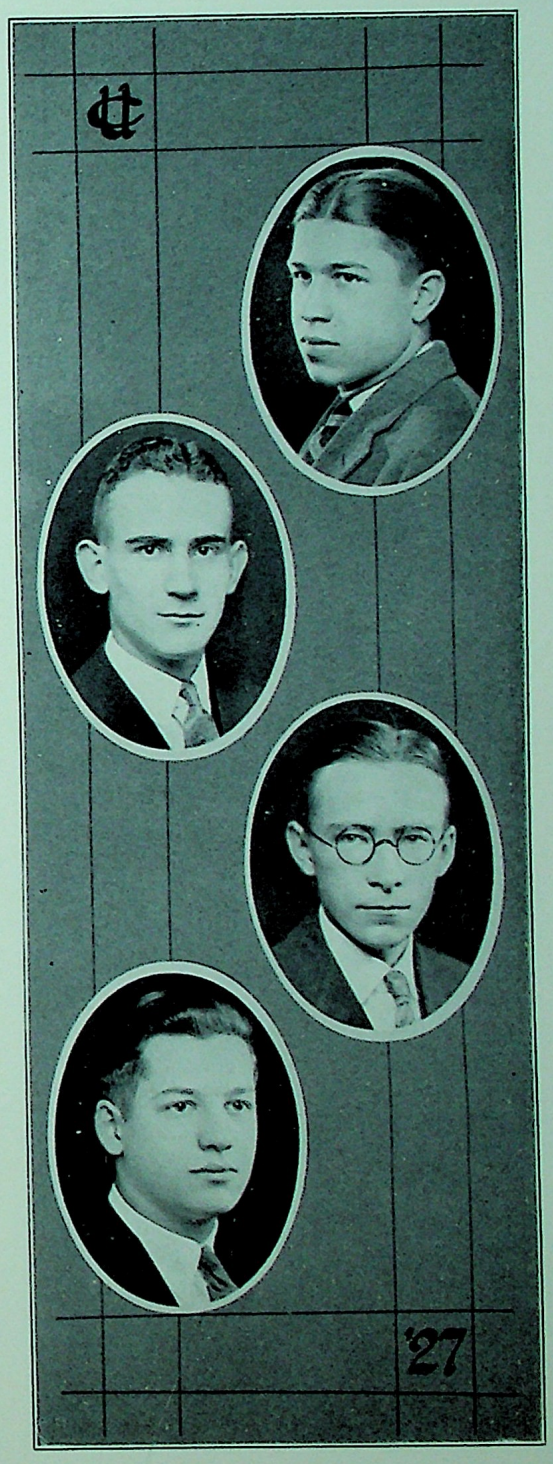
Mechanical Engineering

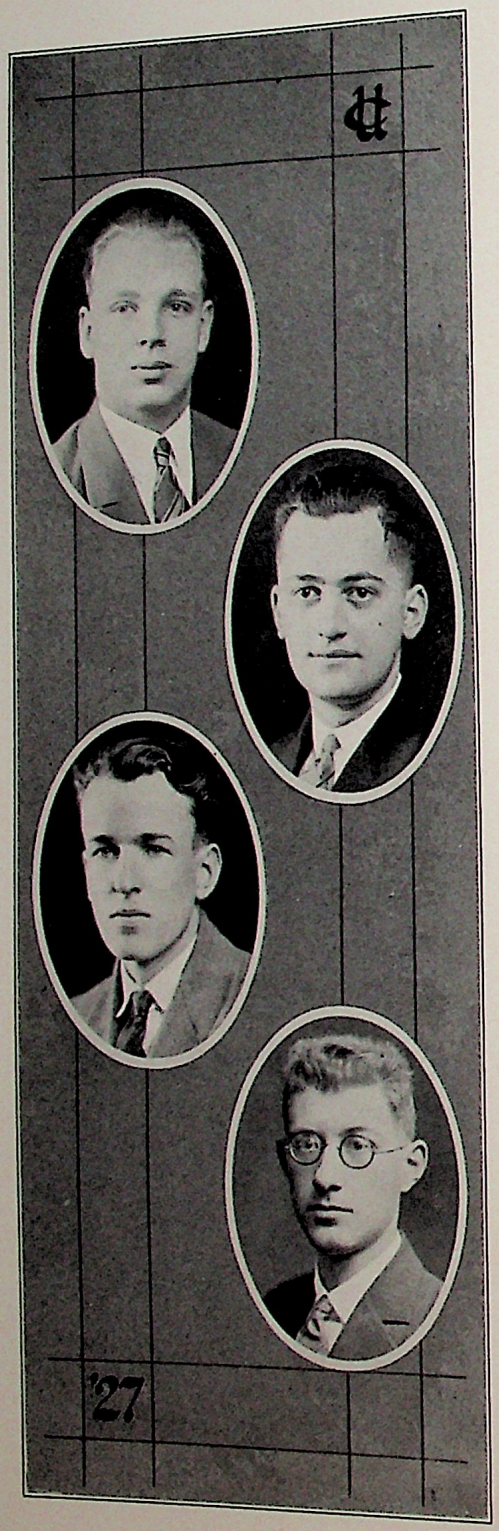
C. U. S. C. Del., '24, '25; Vice-Chairman A. S. M. E., '26; Chairman A. S. M. E., '27.

AARON RABINOWITZ, B. S.

"Rab"

Electrical Engineering





WALTER RAYMENT, B. S.

"Walter"

Electrical Engineering

A. I. E. E.

JOSEPH REIBEISEN, B. S.

"Joe"

ΣΙΞ

Electrical Engineering

Tech Circulation Mgr. "1926 Cable"; Class Secretary, '27; Rifle Club; A. I. E. E.

RALPH E. RESSLER, B. S.

"Ress"

Electrical Engineering

A. I. E. E.

ISIDORE RUBINOWITZ, B. S.

"Rube"

Electrical Engineering

Rifle Club; A. I. E. E.

EDWIN T. SCHWARTZ, B. S.

"Ed"

Μ Α Ο Λ Σ Κ

Mechanical Engineering

Rifle Club.

DOUGLAS Y. SMITH, B. S.

"Doug"

Σ Α Π

Electrical Engineering

Class Secretary, '25; Secretary A. A., '26; President A. A., '27; C. U. S. C. Delegate, '25, '26, '27; Junior Prom Comm., '26; Treasurer C. U. S. C., '27; A. I. E. E.

PETER VAN WYCK, B. S.

"Pete"

Μ Α Ο

Chem. Engineering

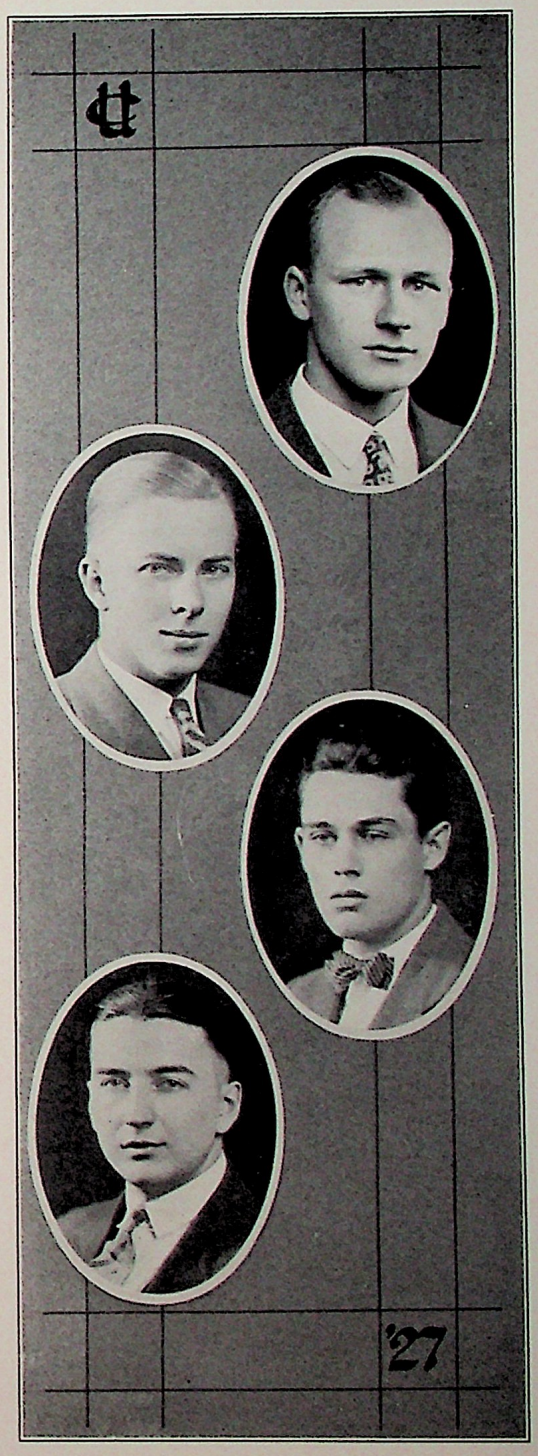
C. U. S. C. Delegate, '26, '27; Junior Executive, '26; Scholarships, '25, '26, '27; Herbert Baldwin Chem. Prize, '25, '26.

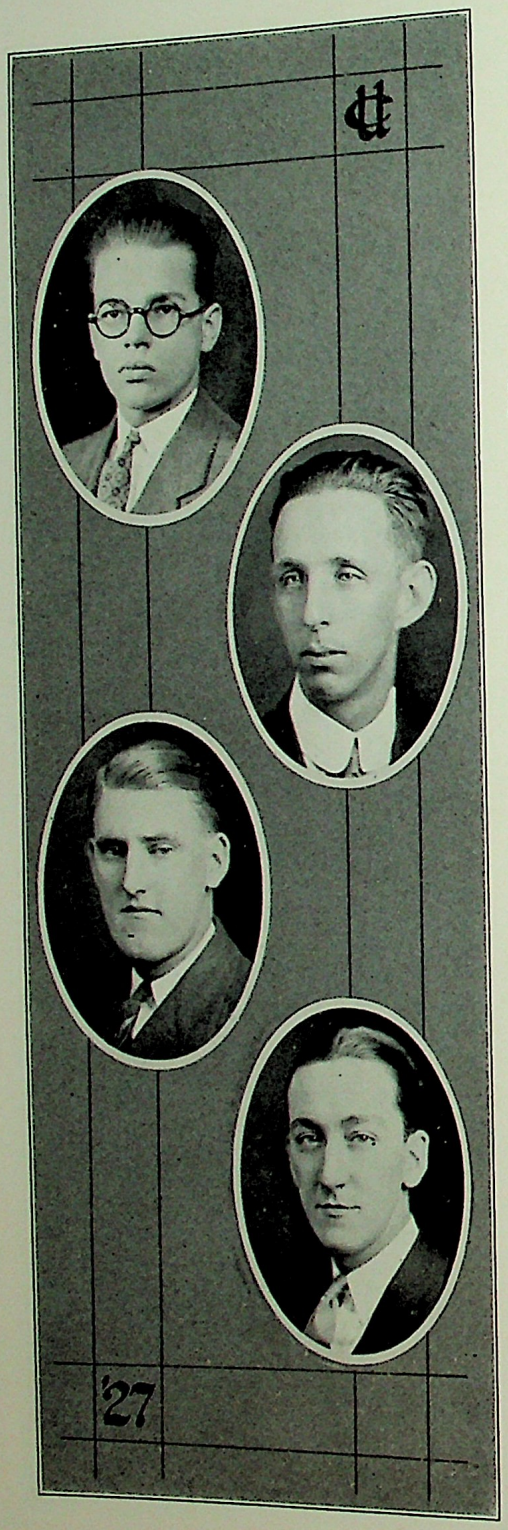
ABNER J. VERNON, B. S.

"Vernon"

Civil Engineering

Class Sec., '26; Treas., '27; C. U. S. C. Delegate, '26, '27; Rifle Club; A. S. C. E.





HENRY T. WILHELM, B. S.

"High Tension"

ΣΑΠ ΜΑΟ

Electrical Engineering

Sec'y Stud. Br. A. I. E. E., '26; Chairman Stud. Br. A. I. E. E., '27; Secretary Math Club, '27; C. U. S. C. Delegate, '27.

ROBERT H. BECKER

"Bob"

Architecture

JOSEPH A. BERGEN

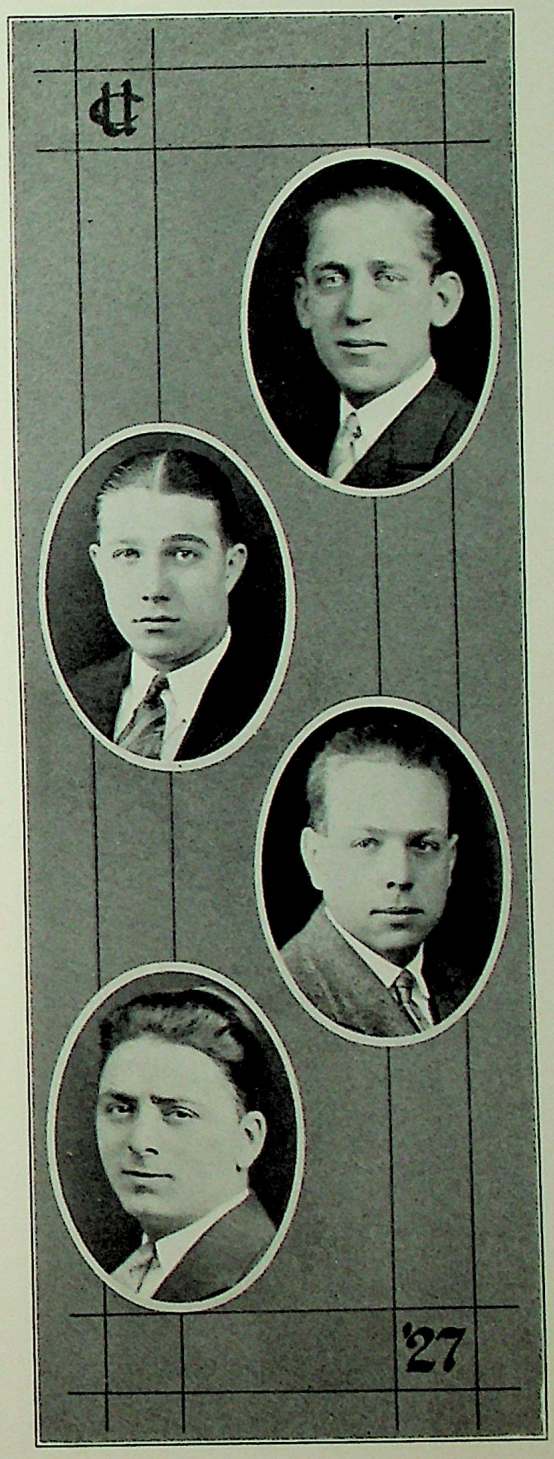
"Joey"

Architecture

HARRY W. BLACK

"Harry"

Architecture



PERRY BREHM

"Perry Winkle"

Architecture

NAT H. BROMBERG

"Shorty"

Architecture

Class Sec'y, '26, '27; Class Treas., '25; Class Affair Comm., '27; Annual Affair Comm., '27; I. C. B. B. Team, '25, '26, '27; A. O. Rep., '25.

LAUREN M. BURGESS

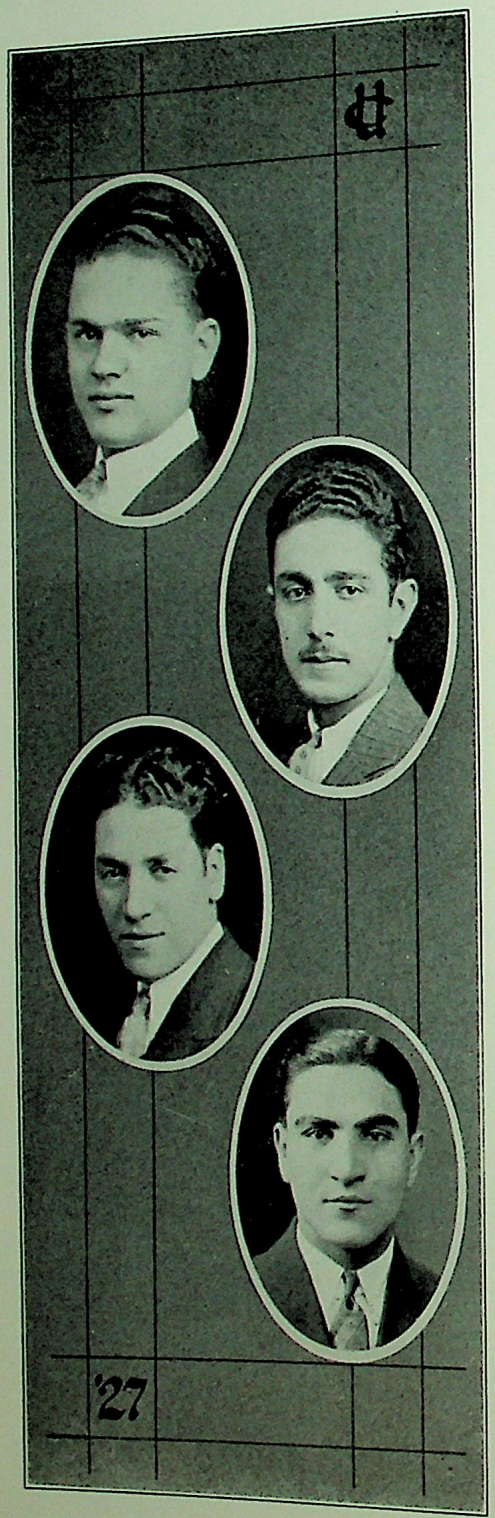
"Lauren"

Architecture

DANIEL P. CONTI

"Ponzi"

Architecture



ARTHUR P. DEIMEL

"Artie"

Architecture

JOSEPH DELLA-BADIA

"Joe"

Architecture

FRANK A. SANTIS

"Demi"

Architecture

Class Vice-Pres., '25; Asst. Cable Mgr., '26; Junior Var. Football, '25; Var. Football, '26; Junior Prom Comm., '26; Senior Hop Comm., '26; I. C. B. B., '25, '26, '27.

DOMINICK DI SANTO

"Micky"

Architecture

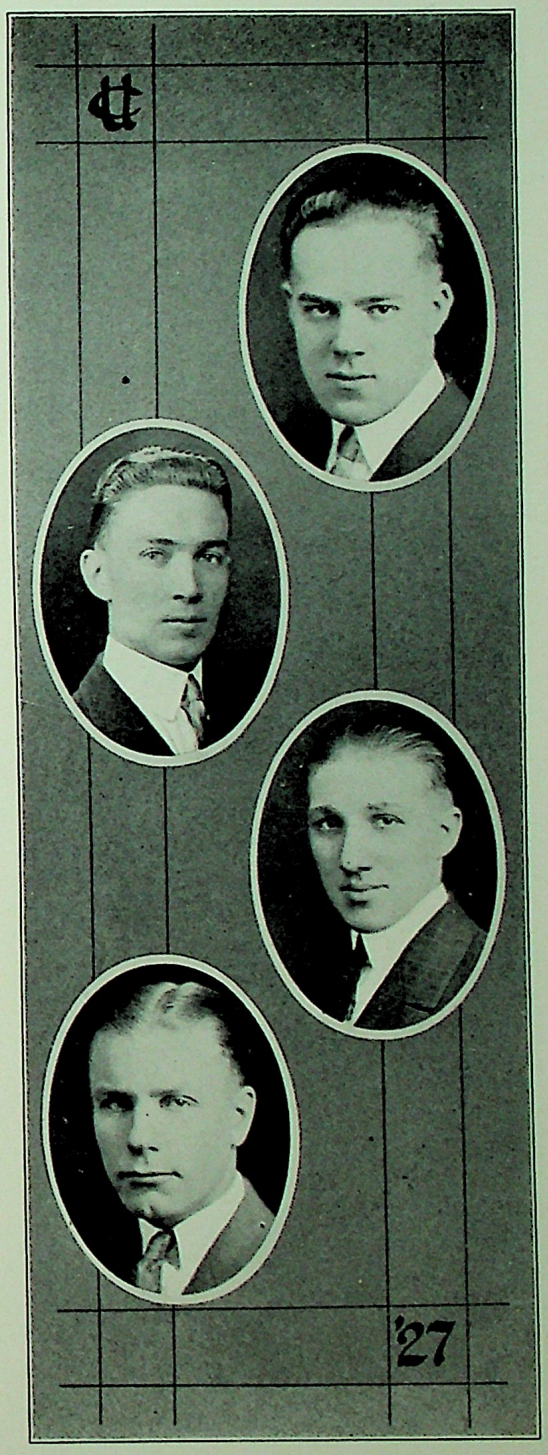
Class Treas., '24; Varsity Football, '25, '26; I. C. B. B., '25, '26, '27.

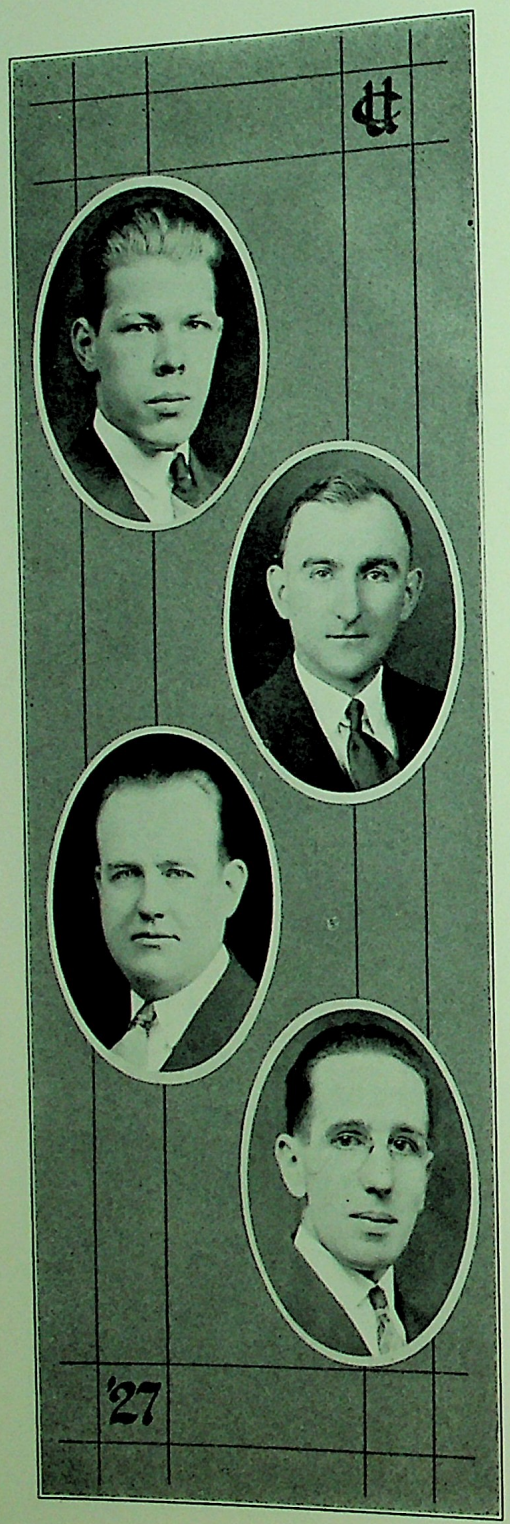
EDWIN J. FELTEN
"C-Astoria"
Architecture

WM. J. FITZGERALD
"Irish"
Architecture

FRANK FOERTSCH
"Chisel"
Architecture

KENNETH B. GEERTSEMA
"Kenny"
Architecture





ALBERT GRENIER
"Al"
Architecture

RUDOLPH E. HADZIMA
"Montana Joe"
Architecture

PAUL HAFEMAN
"Cleo"
Architecture

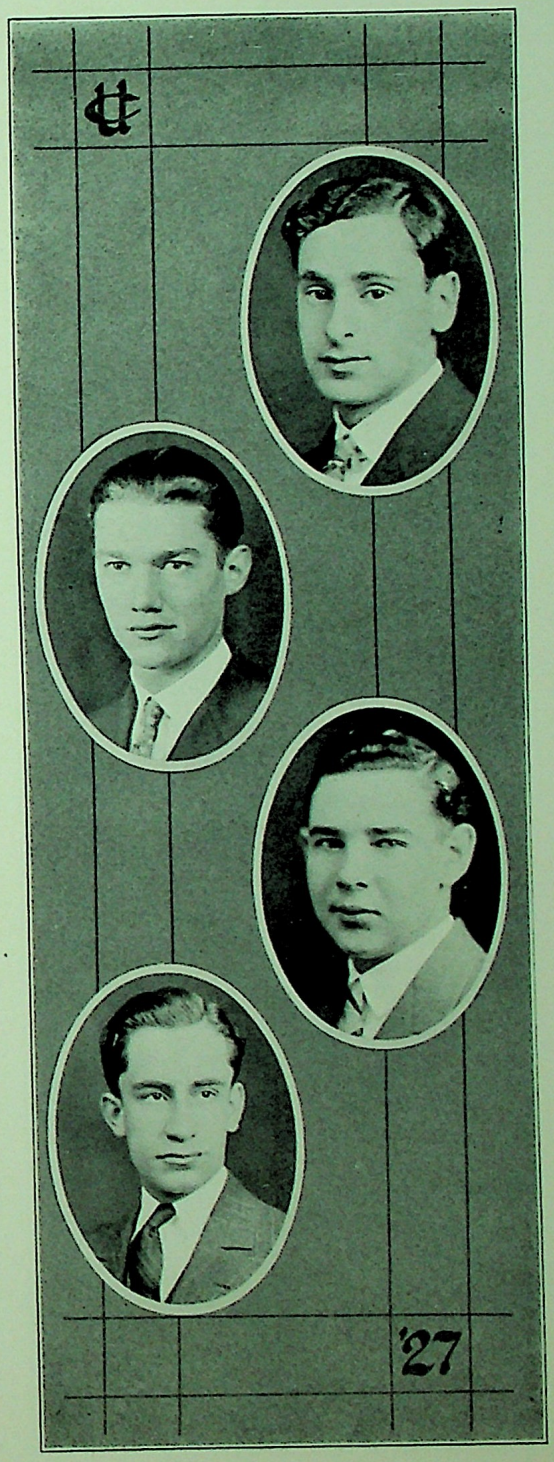
GUSTAVE F. HEE
"Gus"
Architecture

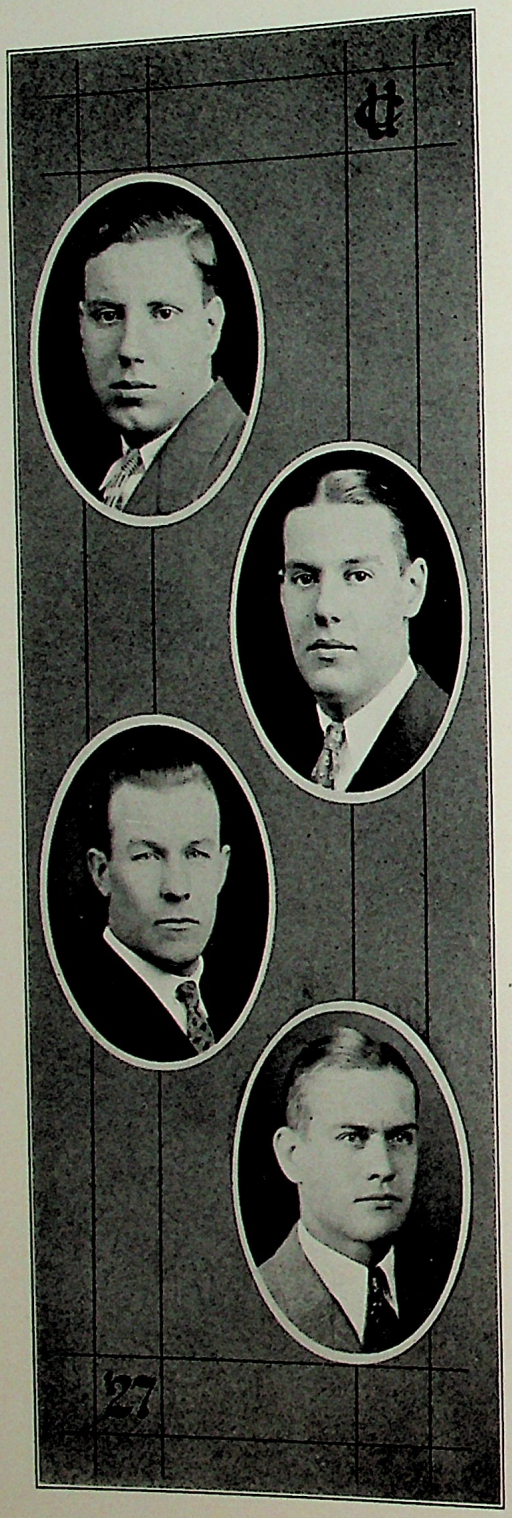
ALBERT HIRSHMAN
"Half Pint"
Architecture

CECIL HOLDEN
"Ethelbert"
Architecture

JULIUS F. KOCH
"Jule"
Architecture

ANTHONY C. LeFANTE
"Tony"
Architecture





VASCO MARTELLI

"Zip"

Architecture

JAS. W. McCABE

"Jimmy"

Architecture

Class Pres., '25, '26; Class Vice-Pres., '24; Sec'y Stud. Council, '26; Annual Affair Comm., '25; Junior Prom., '26; Senior Dance Com., '27.

ARUID PEARSON

"Pierce"

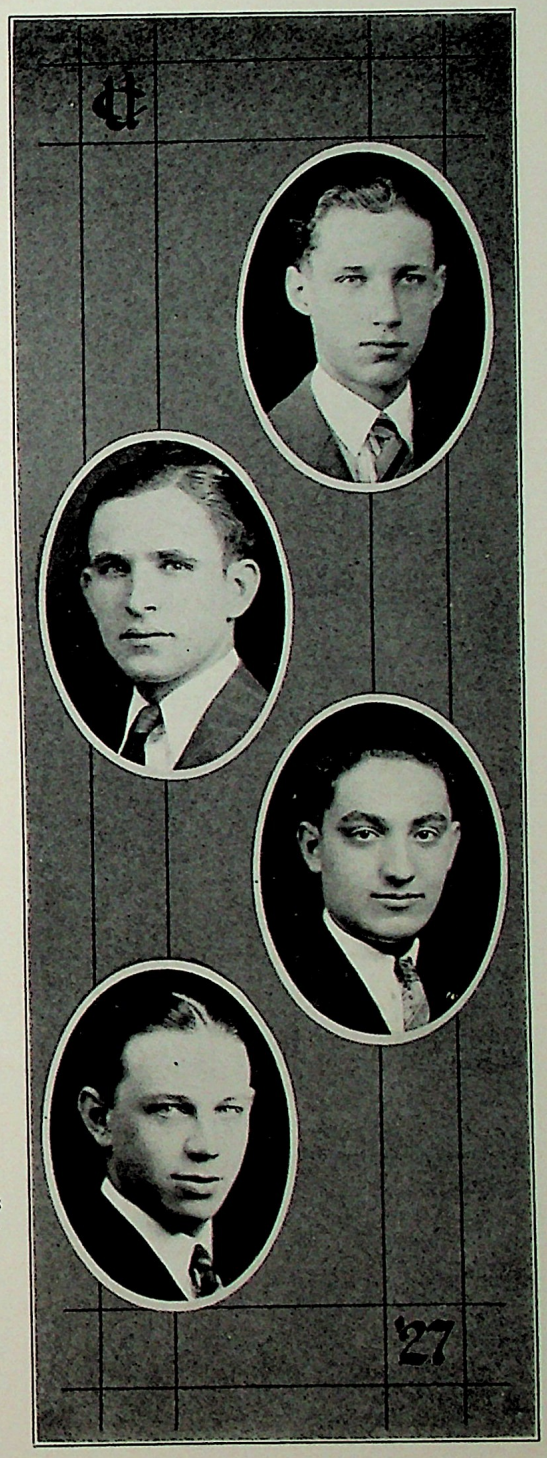
Architecture

CONRAD J. PENK

"Bonny"

Architecture

First prize, '26.



LAWRENCE POSTHUMUS

"Stretch"

Architecture

SALVATORE PUGLIESE

"Push-Em-Up-Tony"

Architecture

RAYMOND ROCHLIN

"Ray"

Architecture

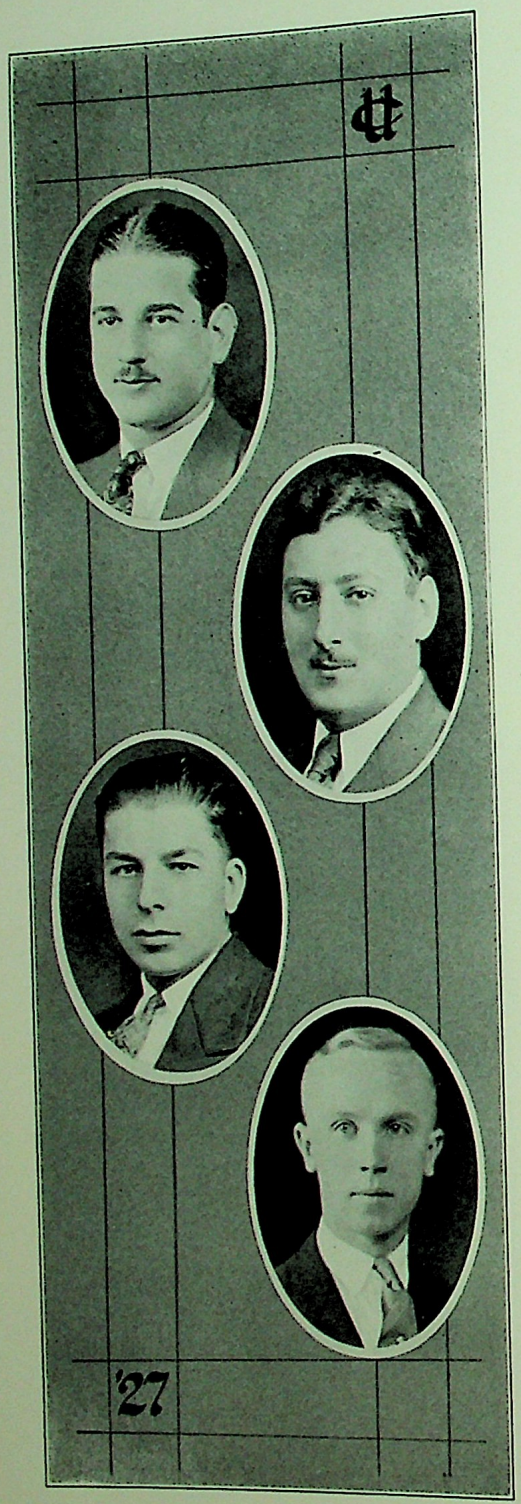
Vice-Pres. Class '27.

CARL F. RUMPF

"Farmer"

Architecture

Pres. Students Art Council, '27; Class Pres., '27; Class Sec'y, '25; Art St. Council, '25; Third Prize, '26.



JOSEPH STEINBERG
"Shiek"
Architecture

LOUIS SUGARMAN
"Lou"
Architecture

JOS. F. SUOZZI
"Michael Angelo 2nd"
Architecture

EDW. M. WEBER
"Whitey"
Architecture

The JUNIORS

Chemistry, 1928

President
CHARLES SUTTER

Vice-President
VINCENT TOSCANI

Secretary-Treasurer
LEON B. DONN

ONCE more the veil of retrospection is drawn and we again survey the field of post events in the career of the Chemistry Class of '28.

In the Fall of '22 we observe the class taking its origin as an organized branch of the student body, amid much enthusiasm on the part of the sixty members who embarked on their scholastic ventures at Cooper Union with aspirations of soon rising to the fame of Liebig or Pasteur. As time rolls on we see the class convening fortnightly to discuss various items and to listen to readings of scientific papers. At the close of the school year we see the boys wending their way to the Casino Theatre, and then on a tour thru Chinatown.

The beginning of the second year witnesses the return of only twenty-eight of the original threescore members, toiling onward toward their appointed goals. Besides their frequent class meetings, their divertisement consists of a weekly visit to a local gymnasium wherein basketball and wrestling occupy their Saturday afternoons. As time speeds onward we see the class gathered at a sociable banquet, immediately following the close of the school year.

The class roster contains only thirteen names at the start of the third lap, and though their number has sadly depleted, they carry on with the same spirit of perseverance and patience that they displayed since they matriculated. The term over, we again see the merry group assembled round the table at a class banquet.

The law of "diminishing returns" continues to govern the line enrollment of the class, and at the start of the fourth year only nine remain on their journey along the unroyal road to knowledge. We are now rapidly approaching the termination of our fifth years' work and look forward to the time when another year's incidents will be events of the past.

THE HISTORIAN.

Electrical Engineering, 1928

President
GEORGE FRIEDL

Vice-President
WALTER FRITSCHI

Treasurer
WM. RIEDELL

Secretary
DANIEL KENNEALLY

LADIES AND GENTLEMEN! We present for your approval and admiration the most active and all-round class ornamenting the Halls of Cooper at the present time. This is said in no jesting or bombastic spirit. It can be proved, just as coldly and as inevocably as any theorem in mathematics. All you have to do is to consult the records for the past four years. You will find we had a couple of fingers in every pie, whether social, athletic or journalistic. And the pies were generally the better for having the impress of our digits. We have been, and are, represented on the CABLE and *Pioneer*; fully and actively represented on the Student Council, and have taken successful part in practically every organized athletic sport.

It took us about a year to get our bearings, and since then we have been going at top speed, and no signs of weakening. The Junior Prom this year was the high-water mark of our social development. It was an affair of no regrets, except for the few absentees; and will long be a bright bit of sky on the horizon of innumerable memories.

The last thing we shall mention in this brief collective autobiography is something that is usually soft-pedalled in Class History Notes. It is the matter of Scholarship. We only mention it to recall that despite our manifold social activities, our scholastic standards have been far above average, especially among those individuals most active in organizations. Let this be a beacon-light for future navigators on the Academic Seas.

THE HISTORIAN.

General Science, 1928

President
CARL A. VILL

Vice-President
E. W. BRASS

Secretary
F. D. ROBINSON

Treasurer
G. MORGENROTH

PERHAPS you think we are not proud of the fact that we're Juniors this year? O, no! And perhaps you don't think we're proud of our Prom this year? O, no!

We are justly proud of having been one of the really active classes in Cooper Union. Beginning with our first year, a time when social affairs were not as numerous as they are today, we aroused the admiration of upper classes by our temerity. Our second year was a repitition of the first with a theatre and dinner party. However, in our third year we faced the facts before us. We realized that any experience we might gain would prove helpful the following year.

We went a step further than any class had before, in that we consolidated with the Electrical Engineering section and held a joint dance at the Waldorf-Astoria Apartments. So then when we became Juniors we had no trouble at all in arranging the many details involved in attempting so important an affair as the Prom. The advantage of our previous amalgamation soon became evident, and if there had been any doubt as to the far-reaching efforts, they were dispelled with its success. So wonderful an affair was never enjoyed by any class of Cooper Union. When you realize that in the face of a blinding snow-storm we still had over one hundred couples, you can begin to understand how popular it was. Not only that, but the financial outcome was the best ever reported by any Prom Committee.

Not only were we always to the fore socially, but we never slouched when athletics were mentioned. Who won't remember Clarke and Reinhardt when football is recalled, and who dares to leave Carroll and Torraco unheeded?

Small wonder, then, that we think we have reason to be proud of our record,—a record which is by no means ended. We still have our last year, a year when we will round off all rough edges and permanently leave our mark in Cooper as a loyal, a true and a typical Cooper Union class.

THE HISTORIAN.

Institute of Technology, 1928

President
GEORGE F. COLVIN

Vice-President
WILLIAM VANDERHOUT

Treasurer
ABRAM BERKOWITZ

Secretary
GEORGE DURFEE

THE class of '28, whose members once were legion, has dwindled to a mere handful, but one would have to look far to find as small a class with as much ambition.

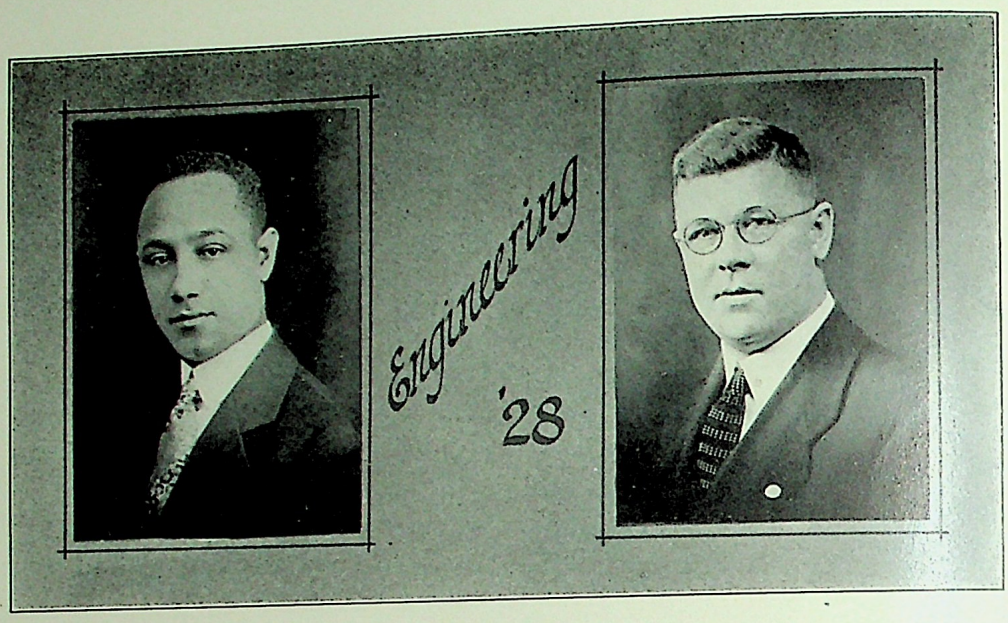
Early in December, the class appointed a committee to arrange for a theatre and dinner party, so one wintry evening found the class assembled in the lobby of the Imperial Theatre, ready to be entertained by Gertrude Lawrence and the cast in "Oh, Kay!" Emerging into the snowy night, they partook of one of those dinners which Nick's Italian Kitchens are famous for. Heeding the warning of one of Father Knickerbocker's guardians of the peace, everyone reached home and not the night court.

The culminating event of the class was the Junior Prom held February 11th, 1927, at the Hotel Ansonia. During the evening, several "pirates" began to come sauntering in. It was finally discovered that the Columbia University architects were holding a costume ball in the adjoining room, so between dances the Juniors "crashed" the dance and watched the architects.

By midnight the balloons were out in full force. These balloons were quite out of the ordinary, for every time one burst it sounded like a gun. No one will forget the champion "balloon burster" in the white dress. Some of the dances nearly became riots in the heated desire of everyone to burst all the balloons at once. One o'clock came around all too soon after this, and everybody went "straight" home.

And now, with three quarters of our journey through Cooper completed, even though it seems as if it were but yesterday that we entered, the class looks forward to its senior year, hopefully, and yet regretfully, for while we will enter the lofty portals of our senior year, we must also realize that it is to be our last year of four altogether too short years spent at Cooper.

THE HISTORIAN.



BERESFORD ALEXANDER

"Alex"

Civil Engineering

A. S. C. E.

A prof's dream of paradise would be to have a class made up of fellows like Alex. He can always be depended upon to ask the right question at the right time to bring out some important point, and if he is asked to explain something he is never known to fail. Alex is also popular with students for his dependability. He can always be depended upon to have the notes taken from this or that lecture, and further, he is always ready to lend a helping hand to any fellow that might need some assistance in mastering some knotty problem. Yes, Alex's store of knowledge might be likened to the ocean, since it is both unfathomable in its depth and unlimted in its expanse.

WALTER ALIMOFF

"Volodja"

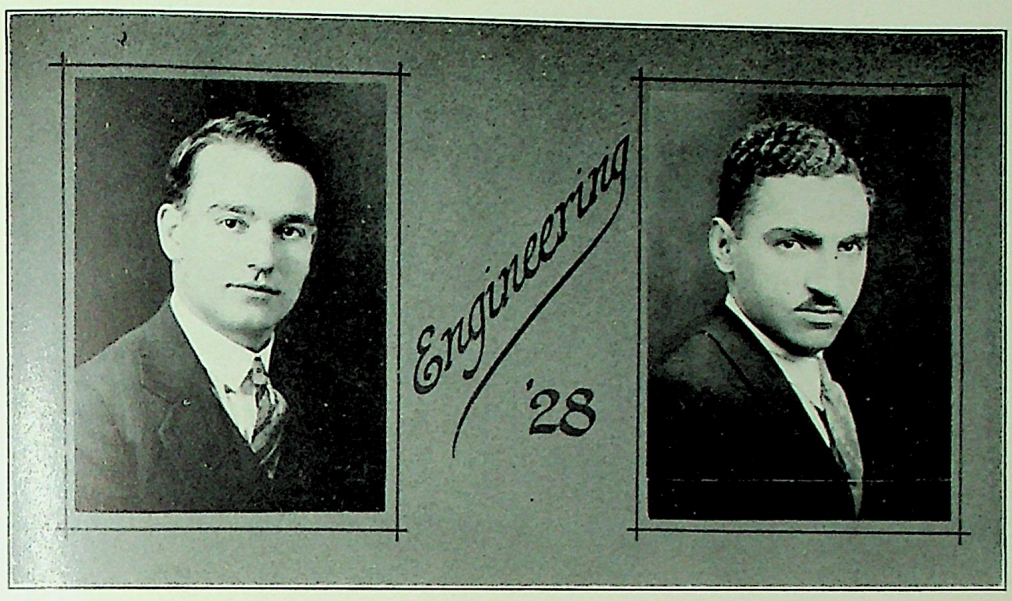
Mechanical Engineering

A. S. M. E.

Before Walt entered Cooper he was an inhabitant of the land of the Volga Boatmen; that is, Russia. After completing the course in the University of Moscow, "Volodja," (that's what he was called at that time), decided to come to America. He came, he saw and he stayed.

Walt settled down. He was married, you see, in Elizabeth, N. J., where everybody in the town works for the same boss. He soon tired of the two-hour journey from there to the metropolis, so he moved to the Bronx. Now he is worse off because as you may know "There's no hot water in the Bronx." That gives him a good excuse for not shaving.

Walt holds the honor of breaking the most chairs in the class and was duly honored by being awarded a centimeter of hot air imported, or shall we say, exported, from the Physics Laboratory.



FERDINAND ARMBRUST

"Ferdy"

Chemical Engineering

Ferdy is a rural New Yorker who commutes from Astoria, Long Island (free publicity). He is gifted with a pleasing disposition, and remarkable talent for breaking test tubes. Ferdy is the senior member of the firm of "Armbrust and Winograd (Ltd.)" (little they do), and he endeavored to demonstrate to his partner the value of a well-groomed mustache as an asset to a dignified appearance. His labors to this end were to no avail, however, and he finally shaved it off after it had flourished (?) for six months. His vacation period is occupied in touring the country in his Ford, and while he entertains a different notion of a "rattling good time" than most of us, we are left under the impression that Ferdinand has an Isabella in Columbus!

PHILIP ATTKISS

"Phil"

Mechanical Engineering

A. S. M. E.

At one time a man by the name of Philip Attkiss had high aspirations to be a high school teacher. Hence, he embarked for Columbia Teachers College, and after arriving there he found that teaching was a profession in which women were also interested. So, this would never do. Phil, a confirmed woman hater, associating with women.

This caused Phil to search around for a real he-man's game. At last he found it—Engineering. That's why he goes to Cooper.

In his whole life to date, Phil has had only two loves, neither being a woman. They are his moustache—shall we call it that—and studying.

DONALD W. BAIRD

ΔX

"Don"

Civil Engineering

Enter Comm., '25; Soph. Hop Comm., '26; Football Letter, '26; Football Mgr., '26; Circulation Mgr., Cable, '27; Ex Post Facto, '27.

A. S. C. E.

Lafayette oh six oh seven. Hello doctor is * * * etc.? Now if some of you were to read Watson's diary and study the methods of the hero you would conclude what? Why of course, you would conclude that 'Don' hails from Gil Dobie's famous Cornell. Therefore Don easily qualified as football manager for our well known eleven.

Perhaps however, this conclusion it not warranted from the lead our topic sentence presents. A careful analysis would tell us that Donald has interests far from the roar of Cooper's Campus. Don hails from Nyack—there a little nook overlooking the majestic Hudson, yea verily Don you're lucky.

JOSEPH BALLAS

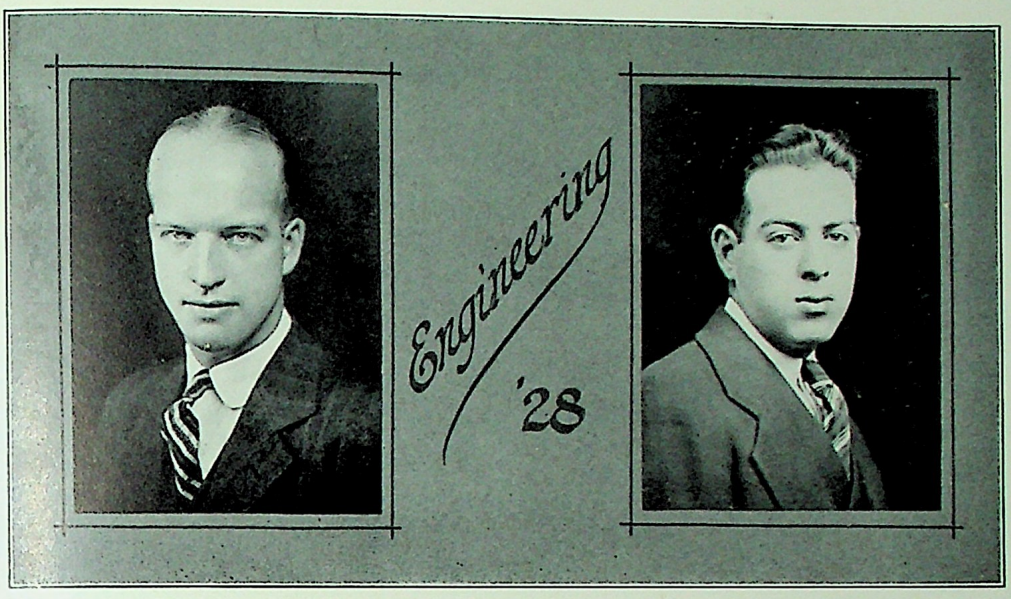
"Ballas"

Chemical Engineering

Mr. Ballas added his name to the roster of Chem '28 last September. After spending several years at local universities, he entered Cooper Union to do some real hard work in organic chemistry. As a former instructor in Chemistry in Budapest, he understands the students' situation in the quiz room, and we can always depend on him to spring questions which engage the Prof's attention so that ample time is afforded for the rest of the class to glance over their notes.

Mr. Ballas is a chemist at a large sugar refinery, and his knowledge of the fermentation of sugar was certainly used to good advantage when he produced as much good alcohol from an ounce of sugar as would be found in a gallon of pre-war lemonade.

Ballas is a good student and an ardent supporter of school activities.



JOHN T. BARTLETT

"Jack"

Electrical Engineering

A. I. E. E.

Jack is that blonde young man with the earnest countenance. He is a serious student, but a gentleman withal and nevertheless. He is a 100 per cent. American, but, with excellent taste never mentions the Mayflower. He thinks that his life-work should be Electrical Engineering. Wrong again Jack! His real vocation is Domestic Engineering, or in less technical language he would make a husband "par excellence". Now ladies, be good, and don't crowd so! Jack is not used to rough treatment. In fact it might disconcert him. But we can picture him on a Sunday afternoon some years onward reading the funny sheets to the kiddies, tranquillity on his brow, and carpet slippers on his feet. But let not irreverent eyes trespass further on that scene of intimate peace! We wish you luck Jack, and many of them.

BENJAMIN BLOOM

"Bennie"

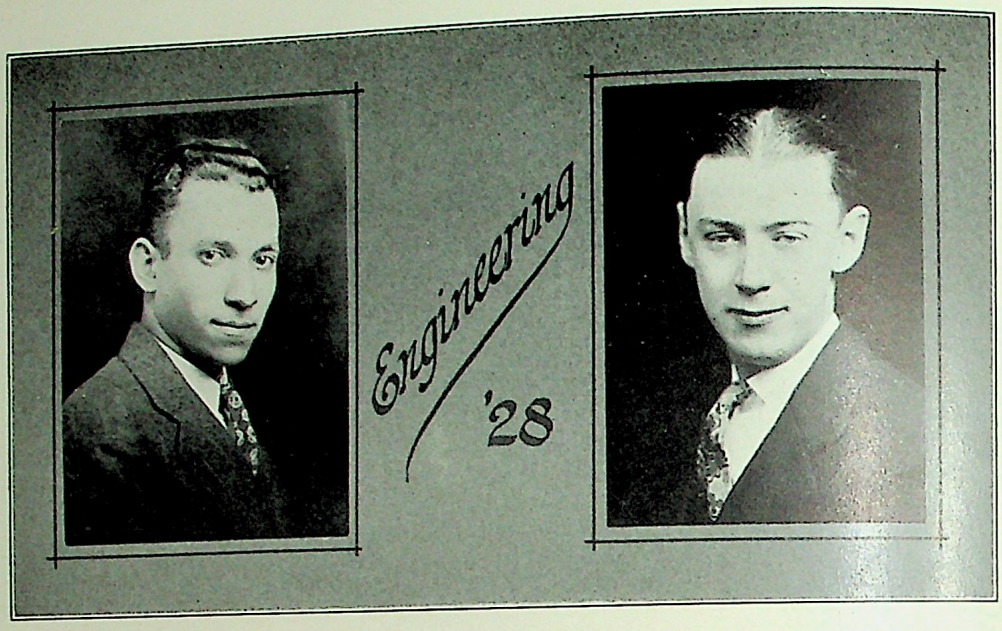
Civil Engineering

A. S. C. E.

"Bloom" there the man with heart so dead
Who never to himself hath said,
"Give me Hydraulics, or give me Math
But leave Heat and Thermo in the lab."

Ben considers Thermo a hot subject and really it does get many of us steamed up, but then there are other things in life to get lit up about.

Ben is another one of the boys who "Bloom" best when buzzing around, and oh how he buzzes. It's honey here and honey there and the busy bee catches the worm. Yet we think that Ben will make out well as a Civil Engineer if he sticks, and we are sure he will.



GUSTAVE BLUMSTEIN

"Gus"

Electrical Engineering

A. I. E. E.

"I have taken all knowledge for my province," wrote a philosopher of the Renaissance. Gus must have been reading his 'Francis Bacon,' judging by the diversity of his intellectual interests. Nothing will stump him, literature, philosophy or science. He will discuss anything with you from "Relativity' to 'Psychoanalysis,' and make you like it. But don't think, dear reader, that all his interests are confined to nebular regions. Of late he has become a 'Dance Impresario' a la Ned Wayburn. Certain of the Juniors who looked forward to the 'Prom' only with misgiving and apprehension, because of their inability to trip the light fantastic, are now filled with roseate visions. Gus has taken them under his wing and persuaded them to matriculate at an uptown Jazz Academy where men on crutches are taught the Black Bottom. No, Gus doesn't get any commission out of it. It's art for art's sake. Many thanks, Gus.

JOSEPH B. BRADY

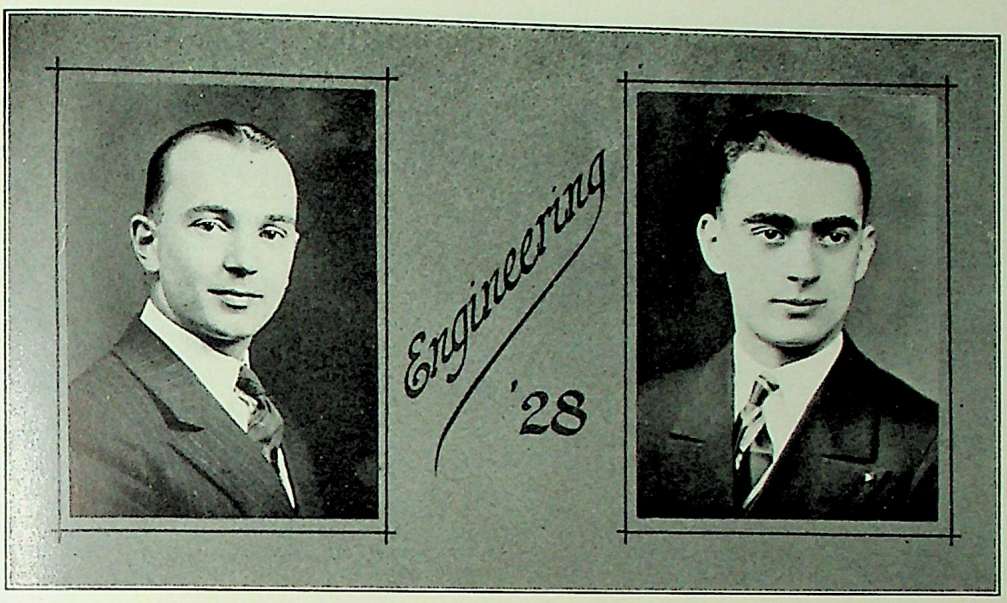
"Joe"

Civil Engineering

A. S. C. E.

This young man simply has chosen the wrong institute of learning. Joe is just one of those boys, whom we can imagine surrounded by an admiring group of co-eds.

But no—you see we also suspect that Joseph is bashful. For that reason, we are anxiously looking forward to the Junior Prom, to find out whether this unfortunate fault is reserved for "Alle Madchen," or for "sola una senorita". Then we will find out whether Joseph really swings his line to good advantage. He should have cultivated this accomplishment, if he has not already done so, for he is really a pretty boy. Our parting advice Joe is "Speak for Yourself."



EUGENE W. BRASS

Π K A

"Gene"

Civil Engineering

Entertainment Committee, '25; Soph Hop Committee, '26; Assistant Football Manager, '26; Football Manager, '27; Junior Prom Committee, '27; Vice-President Athletic Association, '27; Class Vice-President, '27; Editor-in-Chief, Cable, '27; A. S. C. E. Chairman Ex Post Facto, '28.

Behold a man with a rarely developed artistic sense! He even insists upon playing his billiard shots with an artistic touch. When it comes to music—he told us this in confidence and so shall it be repeated—soft music, subdued lighting effects, and the easy, graceful swing of a soothing waltz (what a combination) strike a tender, responsive chord in his manly bosom, so girls, take note and act accordingly.

Dress? Once upon a time Gene went to Washington all dolled up in a white vest, wing collar, bow tie, etc. He was mistaken for the Crime Minister of some foreign country, Astoria probably, and they threw open the gates of the city (but put a special guard around the Washington Monument).

SIMONE F. BRUNO

"Bruno"

Electrical Engineering

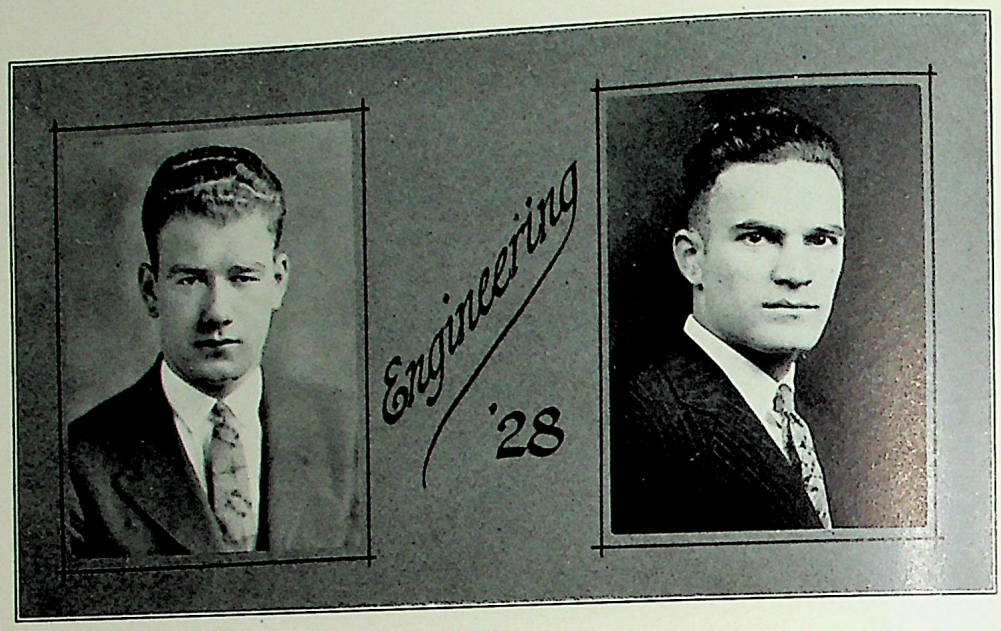
A. I. E. E. Associate Member
A. I. E. E. Student Treasurer, 1926

"Good things, etc. * * * small packages, etc. * * *"

Bruno is a sturdy, striving student of the enormous size of "four feet nothing," growing to learn more of the problems of generators and the like, if he continues growing. (??) Although diminutive in physical build, his mind is enormous in structure—an excellent student in all his studies. He has often presented to the Profs "hair-raising" problems and mysteries in D. C. Machines, gotten through his research work for the General Electric where he is kept busy watching the "ampere turn".

We have as yet never failed to see or hear of a friendly class discussion without Bruno in midst of it all—and always survive as the victor with his famous "izatso".

Although he shows a very striking resemblance to the famous John Barrymore, he thinks very little of it. Who said that Brooklyn did not have its own "Don Juan"?



PETER V. BRUNCK

"Pete"

Mechanical Engineering

A. S. M. E.

Pete is one of those husky chaps who always comes to class with mud on his shoes and elsewhere. However, when it was found that he came from Hoboken the boys promptly forgave him.

How he manages to keep up, or rather ahead of the class is a mystery to the rest of us when we consider what a "wine, women and song" man he is. Pete can stay out all Saturday and Sunday night having a good time and yet come to class Monday looking like—well, see the above picture.

He is so modest, though, that when a professor asks him a question he will keep sparring (he's good at that) for time to save the next fellow even though he knows his groceries.

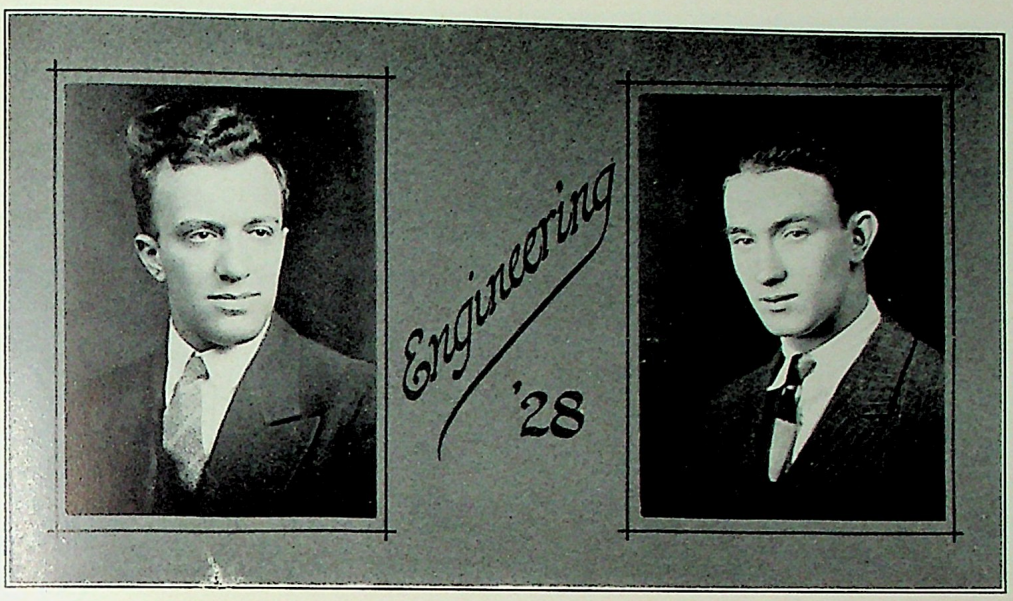
ALFRED CADAVERO

"Al"

Electrical Engineering

Track, '26, '27; Varsity "C", '27; A. I. E. E.

Al is always busy and therefore always in trim. Last year he got his letter in Track. This year he is also "hoofing it" for Cooper, but Al is just as much at home in dancing slippers as in spiked shoes. He has long since received his letters for parlor and vestibule duty. But withal, he is a modest fellow, though a good sniper. The Bronx would be a slower and a sadder settlement without Al, and so would the Class of E. E. '28.



JOSEPH L. CAGNANI

"Joe"

Civil Engineering

A. S. C. E. Representative, '27

Did you ever notice, that no matter how popular a fellow is, he is shunned by one and all when he gets one of those collecting jobs? So with Joe., when he became our hard-working A. S. C. E. Treasurer, he made a lot of money but lost a lot of friends. Well, such is life—he who would have success must pay the penalty, and fair-weather friends are better lost anyway.

We must admire Joe for the way he bears up under his troubles. You just can't do anything to wipe off that happy smile.

Joe has studied engineering for four years, and he at last succeeded in designing something, that something, being the A. S. C. E. badge, which by the way, hands us a laugh every time we look at the beer check.

JAMES D. CARROLL

"Schmaltz"

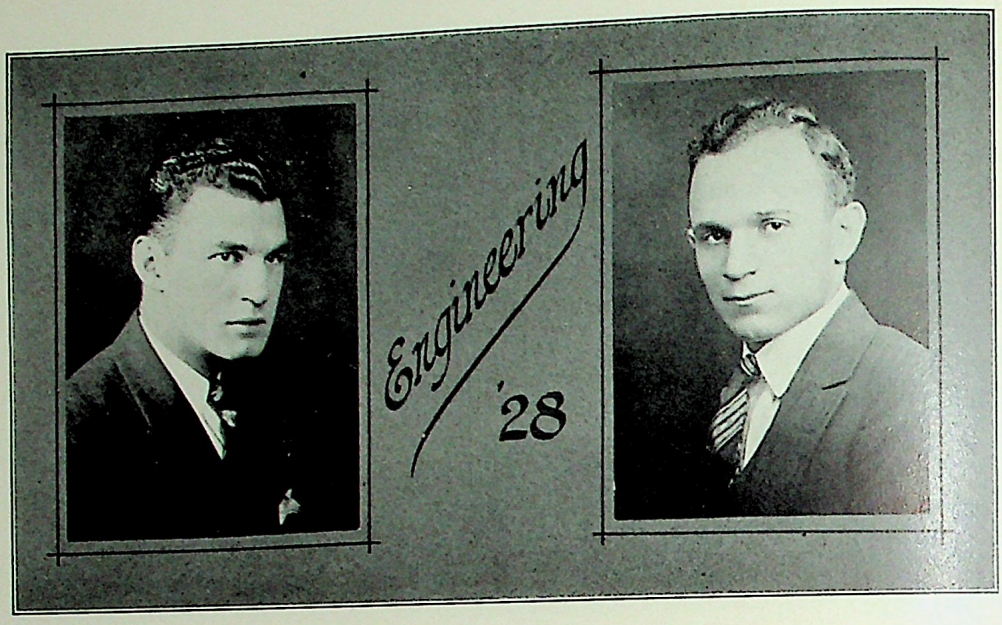
Mechanical Engineering

Football, '27; Class Basketball Team, '25; Track Team, '24, '25, '26, '27; Track Manager, '26; Track Captain, '27; A. O. Secretary, '27; Interclass Basketball Committee, '27; Class Executive, '26, '27 A. S. M. E.

It's Cooper—first, last and always with James D. Carroll. There is no half way for him, and although it breaks his heart, the maidens fair must, for the present at least, take second place in his heart, but we must remember he is a big hearted lad. More power to him.

Jimmy is quite the rage out in the wilds of Ridgewood being pursued from every direction by the ever relentless fair sex. It is found that these individuals know him as the "flaming youth." Our guess is that they have been charmed and captivated by his lustrous red hair—but maybe we are wrong.

By the way, judging from looks we think Jimmy is digesting only two meals a day since the Prom. Wow!—what a taxi bill!



HUGH CLIFFORD CLARKE

Ω Δ Φ

"Cliff"

Civil Engineering

Class Vice-President, '24, '25, '26; A. O. President, '26; Football, '25, '26, '27; Basketball Manager, '27; Wrestling Squad, Varsity Club; A. S. C. E.

"Oh! yes, I was supposed to be there, wasn't I?" That is one of Cliff's famous sayings. He is one of the most promising young men of the class. His promises are like the flowers that bloom in the spring, here but for a day. No, we wouldn't say he is like a garden full of weeds for the fact is, Cliff carries a very heavy social schedule and ought to hire a social secretary.

If this young man would pursue his studies as hard as he does the terpsichorean art he would become a great engineer. Yes, dear girls, you may have Cliff's telephone number upon request, but he insists upon having at least two weeks notice before accepting any invitations.

FRANK X. CONGILOSE

"Frank"

Electrical Engineering

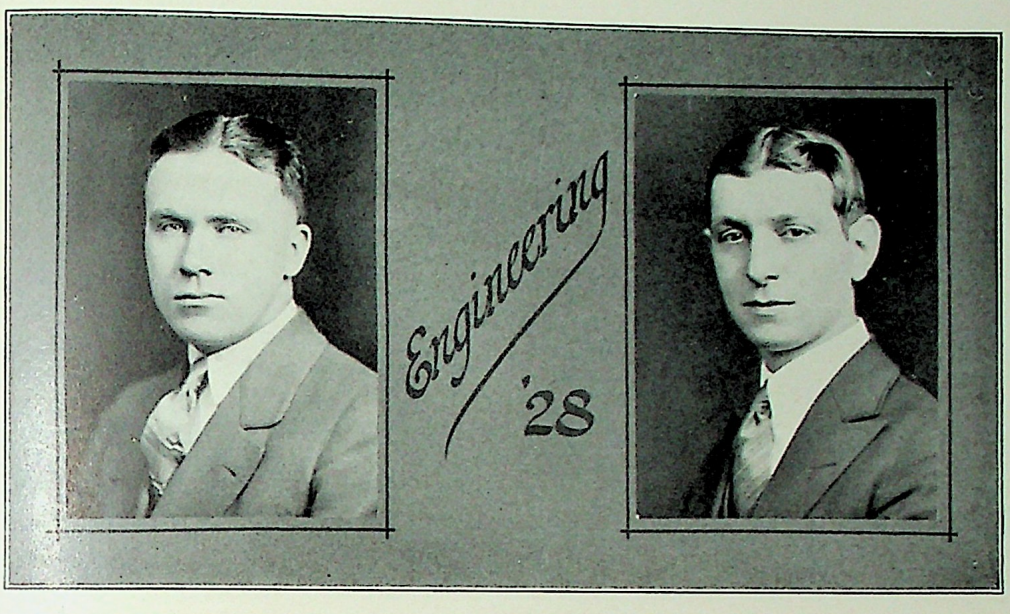
Secretary C. U. Branch A. I. E. E., '27.

A. I. E. E.

"Oh I'd love to be a sailor, a sailor-r, a sailor-r.
Sailing on the good ship Kangaroo."

Yes that's where Frank got that calm and peaceful expression. Those years sailing the Seven Seas for Uncle Sam. Long watches under tropical skies, and the wide vistas of ocean wastes, far from the maddening crowd. Frank has done yeoman service for the Pioneer, being class representative in the second, third, and fourth years.

But listen, fellows, what's that white-bearded joke about Hoboken? We confess that we do not know. Frank says he doesn't know either. Of course, he may be prejudiced, anyway, he lives there, so don't say anything.



ROBERT E. CROSSON

"Bob"

Ω Δ Φ

Civil Engineering

Class President, '24, '25, Treasurer, Student Council, '25, Secretary, Athletic Organization, '26, A. S. C. E.

Any night in a certain suburb of New York, better known as Staten Island, you will find a light burning in a window. And if you look carefully, a silhouette—no, two silhouettes will become apparent. And if you listen carefully a Baritone voice will reach your ears, vieing for honors with a high-pitched soprano. The combination leads to one and only one conclusion.

Robert is one ahead of us in this respect. So you see his popularity is by no means confined to his class. For the first two years Bob drew all the honors and could have continued to do so had he chosen. But of course—what are class honors to be compared with—well.

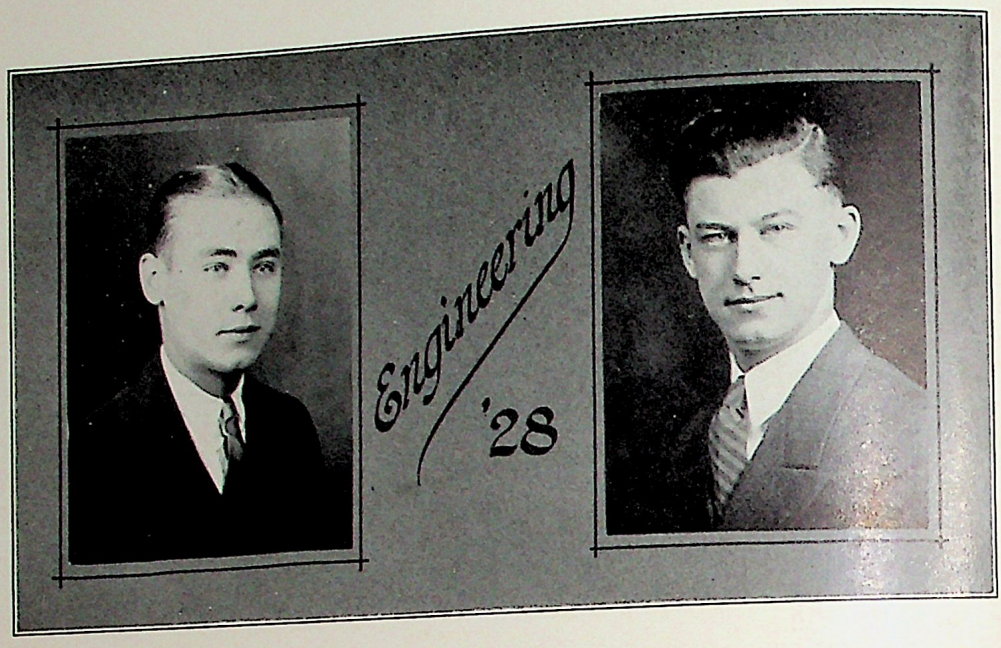
ALBERT DE LUNA

"Al"

Civil Engineering

A. S. C. E.

What a romantic cognomen our fellow student sports! And you must admit that he has the appropriate far away look in his eyes. DeLuna, in case our point is not clear, means from the moon. You must agree that here is room for romance. Still, it has its disadvantages. In classrooms, especially in Hydraulics, when up at the board he seems to be thinking of "de luna". How he wishes he were there, and what wouldn't he give for its assistance! Our advice to the young man is that he broach the subject to her and get it over with. It is not so hard—just gaze into her eyes and she will understand.



EDWIN M. DUFUR

"Dufe"

Civil Engineering

A. S. C. E.

A classic handle for a cognomen, eh what? But Dufe also tops this off with a chapeau equally brilliant. Yes, Dufe's main fault lies in wearing an iron hat. However he does help matters along a bit by choosing a black one. Of course not that brown is a bad color, or that he deserves one, still—you never can tell.

We suspect that someone has told him, that he looks manly in a gentleman's top piece. Well—what if she did. He's proud of it. And well he should be. Not everyone can sport one and maintain its shape very long. What with the snow ball season in full swing. However in all seriousness Dufe is an admirable classmate. If we only had more like him no class would ever have to worry about running successful affairs, no matter what the cost.

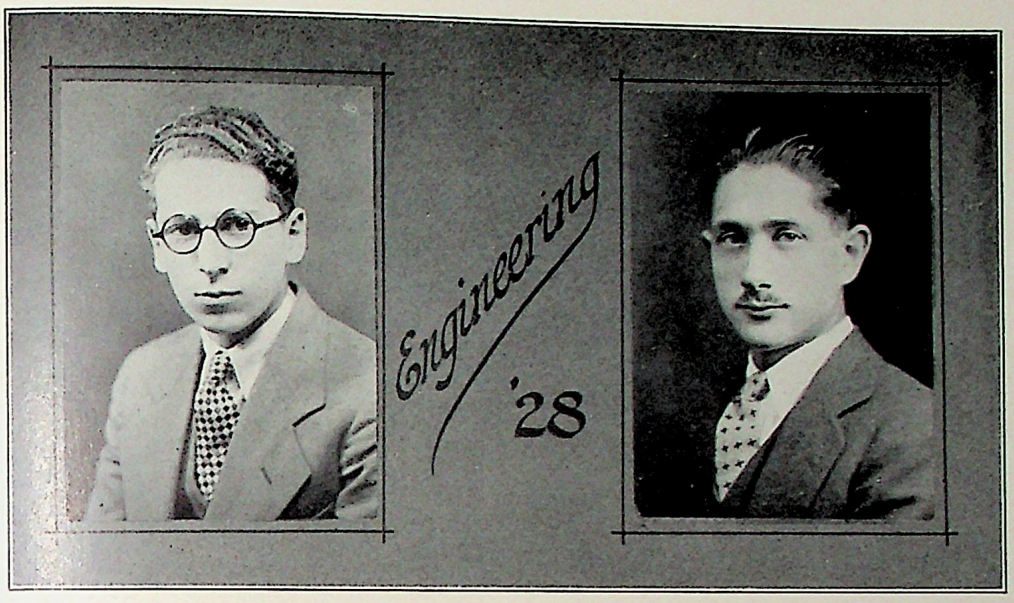
AUSTIN DILLOUGHERY

"Dilly"

Civil Engineering

A. S. C. E.

This curley haired Apollo is one of the few Irishmen who have not as yet applied for a berth on the police force, but nevertheless where there's life there's hope. Not that he is not big enough, Dilly learned his tricks at Cork University in dear old Erin. It has not taken him long to win his way into the gang. A genial smile awaits all with whom he comes in contact. Sometimes it takes a little something "Blarney" to liven things up and "Dilly" can usually be relied upon to have a goodly supply.



JOSEPH N. EDDLESTONE

"Eddy"

Electrical Engineering

A. I. E. E.

It was on a week-night dreary, as we pondered weak and weary over many a quaint and curious problem of mathematical lore—when Eddy went to the board to explain his problem in Calculus. Grimly the class followed his pointer on the slate into the quagmires of integration. Thru the musky intellectual fog came a clear confident voice. "It is obvious—" Eddy was saying as he indicated a mysterious step. A stifled groan came from the seats, surely this was adding insult to injury. Eddy looked around in piteous appeal, the groans gave place to sympathetic laughter. You see—Eddy didn't know how he got the answer himself! Companion in misery, we salute you, Eddy.

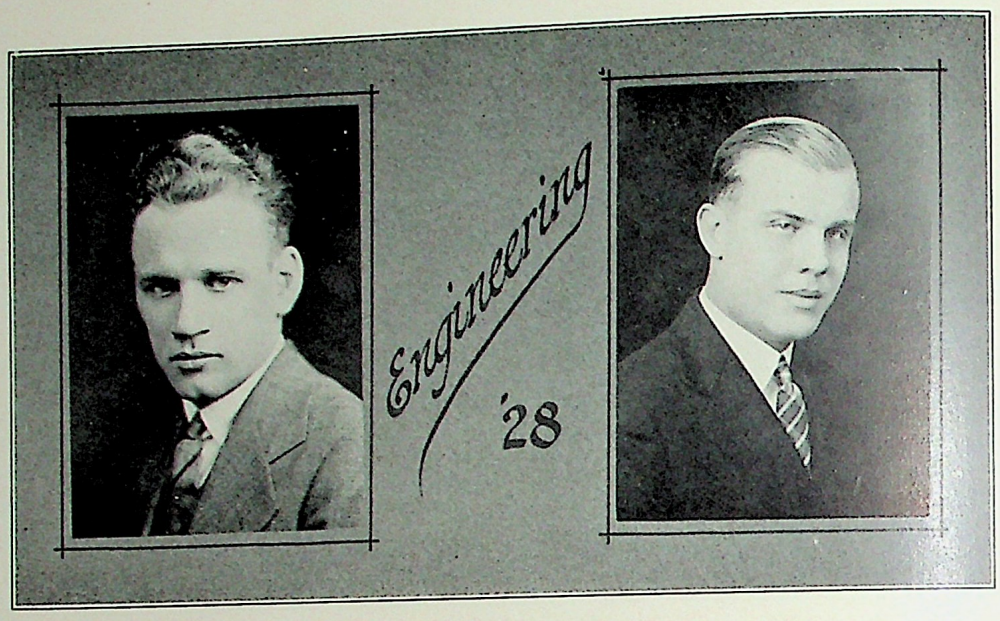
SOLOMON EPSTEIN

"Sol"

Electrical Engineering

About a year ago, we thought we began to notice it. At first it seemed to be only a shadow. Day by day the shadow deepened. Many of the older and more seasoned members of the Class shook their heads ominously, and some were heard to say that coming events cast their shadow before them. For once the elders were right. It happened; right on Sol's upper lip! It is the cutest little growth, and we know Sol is proud of it. For how many in the Class can boast of a pair of mustachios? It takes courage in an age of tonsorial tyranny, to let Nature take her course. But Sol has come out flat-footed for Nature and the girls in Brooklyn are delighted.

By the way Sol, how many segments has a commuter—pardon us—we mean commutator?



EDWARD W. FICHENSHER

"Cupid"

Civil Engineering

Cupid roams around bothering no one and hoping that he will be unmolested himself, especially by bill collectors. Fichensher hates bill collectors—of course we all do, but he exists in a state of perpetual fear of any sort of money taker. Aside from this foolery, Eddie is not bad because he never sings love sonnets nor does he come among us with stories of his great work in pulling in DX. We named him "Cupid" because he had no nickname and "Cupid" just about describes him, gentle, lovable and with that schoolboy complexion. Yes, that's all right —"Cupid" will do.

KARL I. FORSBERG

"Karl"

Mechanical Engineering

A. S. M. E.

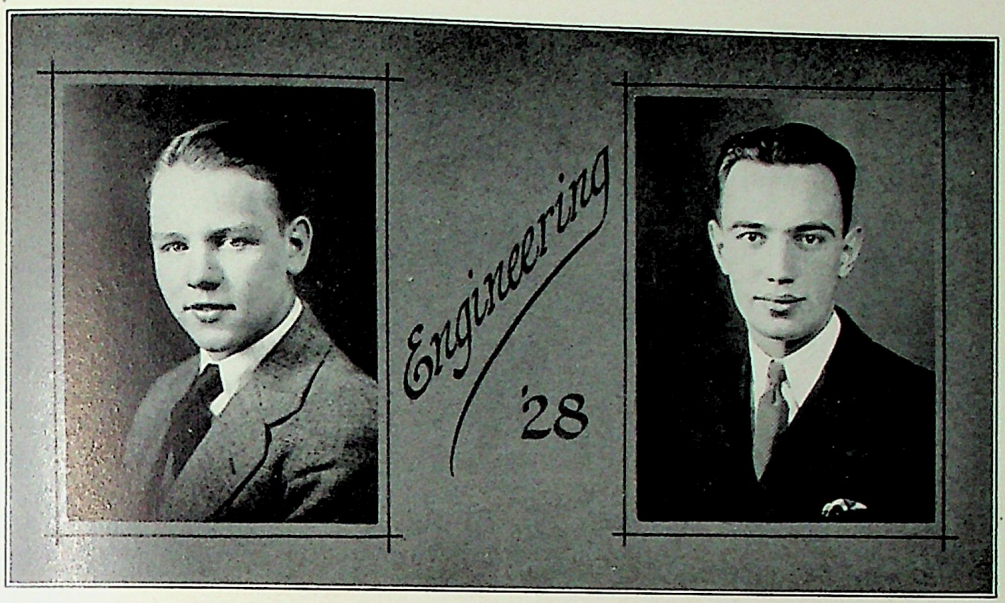
Here is one gentleman who positively does not prefer blondes. The reason for this is that he is, himself, a possessor of the most magnificent blonde locks.

The love that he lacks for blondes, however, is doubly multiplied in his regard for the other type; whether auburn, henna or brunette he does not say.

He is a quiet chap in class but very ambitious. If our suspicions regarding his future amount to anything, we may say that he will become the first engineer of the country under Coolidge for, as you may know, silent men adhere to each other.

Karl has the honor of being the brightest fellow in the class (because of his golden top).

A pleasant personality, good fellow, good scholar—that's Karl. Call him by his first name and he'll be satisfied.



GEORGE FRIEDL

"George"

ΩΔΦ

Electrical Engineering

Class Vice-Pres., '25; Class Pres., '26, '27; Soph Hop Comm., '26; Ass't. Treas. A. O., '26; Football Team, '27; Vice-Pres. Stud. Council, '27; Chairman Annual Dance, '27; Interclass Basketball; Athletic Editor Cable, '27; Ex Post Facto, '28; A. I. E. E.

Just gaze at the foregoing resumé of activities and ask yourself whether or not there are still 365 days in a year! How George does it—we don't—er, er—we surmise that it's some source of inspiration!

If space still permits, allow us to pronounce George the most popular citizen of the forsaken land of Astoria. His cheerfulness, willingness, and aggressiveness has been the foundation of practically every class undertaking—we all like him!

By no means, have his studies been neglected for one moment, for he is a highly rated student just the same.

P. S.—We have just been informed that George was elected Football Captain for 1927—'tis an "eye-opener" for the coming year. He WILL make good—he has the mettle!

WALTER W. FRITSCHI

"Walt"

ΩΔΦ

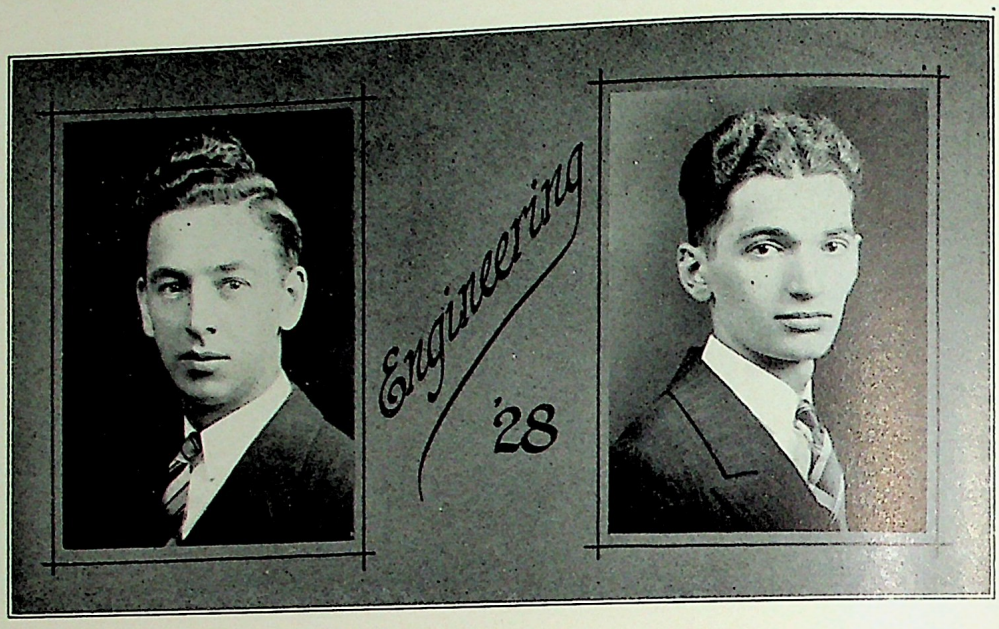
Electrical Engineering

Secretary-Treasurer, '26; Vice-President, '27; Interclass Basketball, '26, '27; Varsity Track Team; Photo Editor '27 Cable; A. I. E. E.

"Walt" is the original "man from Missouri". He has to be shown. (And how!). "Where is this and why is that?" "Aw! that's not the way to do it."

However, Walt does manage fairly well, probably because he takes no one's word for anything, with the possible exception of George Friedl's.

Walt was secretary and treasurer for a couple of years and had so much trouble catching the men with ready cash that he determined to volunteer for the track team to practice up. The class couldn't see that, however, and after being taxed all they were going to got even this year by electing him Vice-President.



M. WALTER FREY

"Walt"

Mechanical Engineering

A. S. M. E.

Gaze upon the countenance of Monsieur Walter. Fair is that smile, sparkling with lustre, and radiating happiness and good fellowship about him.

Walt speaks with a cute English accent acquired during a week-end sojourn at one of America's most popular summer resort, the Polo Grounds, where men are fanatics and women are out of place. He and the girl friend were among the first to use the huddle system in our large stadiums and ever so successful that it is being copied by all large college teams, including Cooper.

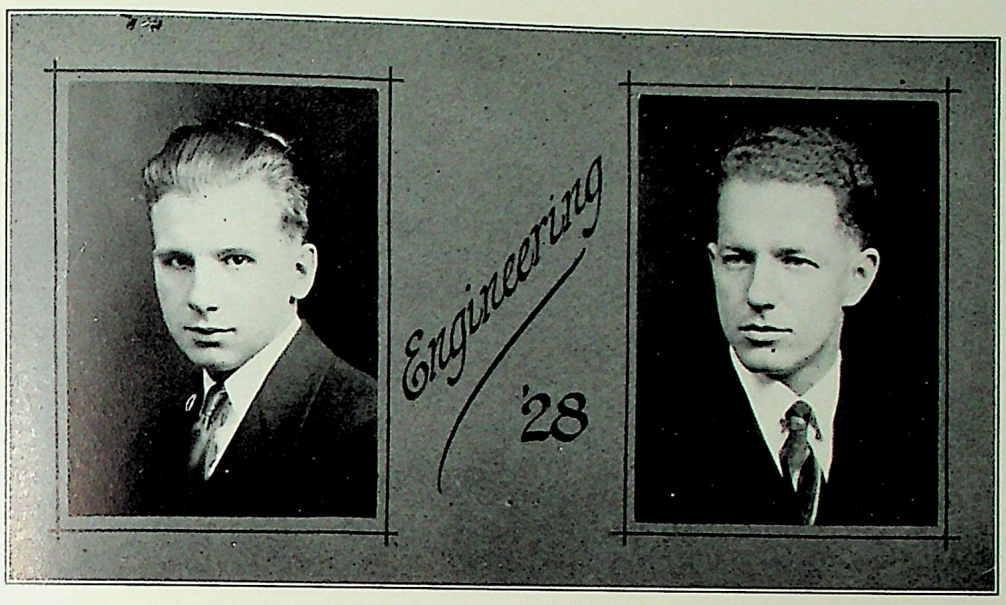
Although he was born and bred a gentleman, Walt now resides in the Bronx. The reason for this is probably his one and only weakness—women—and Oh! how they love to hear him talk.

GEORGE GAVINA

"Gavvy"

Electrical Engineering

Gavvy is that earnest young man with the determined look. That troubled look, that sometimes lingers in his eyes, is not due to a natural melancholy disposition. It comes from listening to "Pop" Gaddard's fierce monologues in the drafting-room when the "Pop" gets mixed up in his projection points. Gavvy, of course, is always sympathetic on such occasions, but it is trying sometimes, though you might not think so. Gavvy has lately been heard to lapse himself into vigorous language while twirling his compasses, such is the power of environment.



THOMAS A. GHERSAN

"Tommy"

Civil Engineering

A. S. C. E.

What more can we say but that he comes from Astoria. Do we hear comments? Astoria, you know, is well known for its handsome descendants of the Pithecanthropus Erectus! Take Tommy, for instance—what "maid" could breathe normally when he is nigh.

You know not your charms young man. Let this be your cue, venture forth and conquer. Of course we mean in your field of engineering. Yet knowing you as we do, we are certain that you will misconstrue our good will, and venture forth with a far different goal in view.

But still we're certain that Tommy's goal is a lofty one and wish him all the success he deserves.

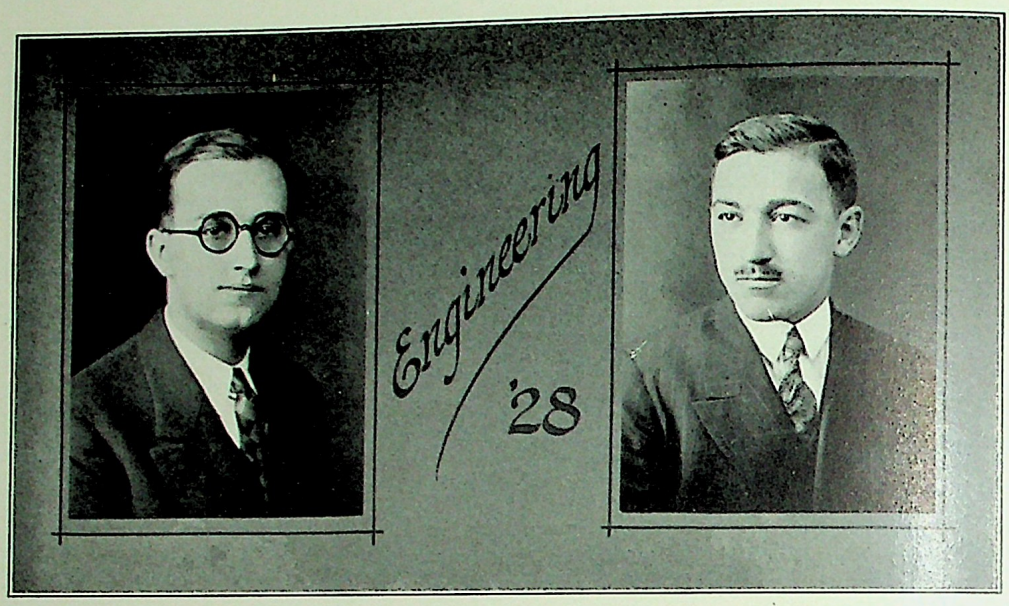
FREDERICK W. GIESEKING

"Fred"

Civil Engineering

A. S. C. E.

Once upon a time, as all good stories go, there was a man who feared not his master's eye. When upon an evil moment he was called forth to perpetrate his stuff, much—yea more to our amazement—a confession of guilt crossed his lips. "Your honor," there emanated from his person, "consider that I know not whereof you speak, but verily—yea truly, if I know not, the class knows not." Thereupon the master lectured for the rest of the hour, and that is how Fred found his way to our hearts.



ERNEST J. GODDARD

"Pop"

Electrical Engineering

Assoc. A. I. E. E.

Early in his life Pop saw a picture of the Eiffel Tower and was filled with envy. So he grew and grew until he had reached the tenth story, and then one day he suddenly changed his mind and was seized with misgivings. "Gosh, it's getting lonesome up here," he pondered. "If I go any higher I'll be a hermit!" Thanks to that timely resolution Pop is still "among our midst." Pop has turned down several good propositions from the Radio Corporation of America. They wanted a tower to support the antenna, but Pop said he would rather start at the bottom and work his way up, than to begin right at the top. Though living at such high altitudes, Pop is not a bit high-hat or distant in his ways, he is one of the most sociable of the bunch.

SAUL GOLDSMITH

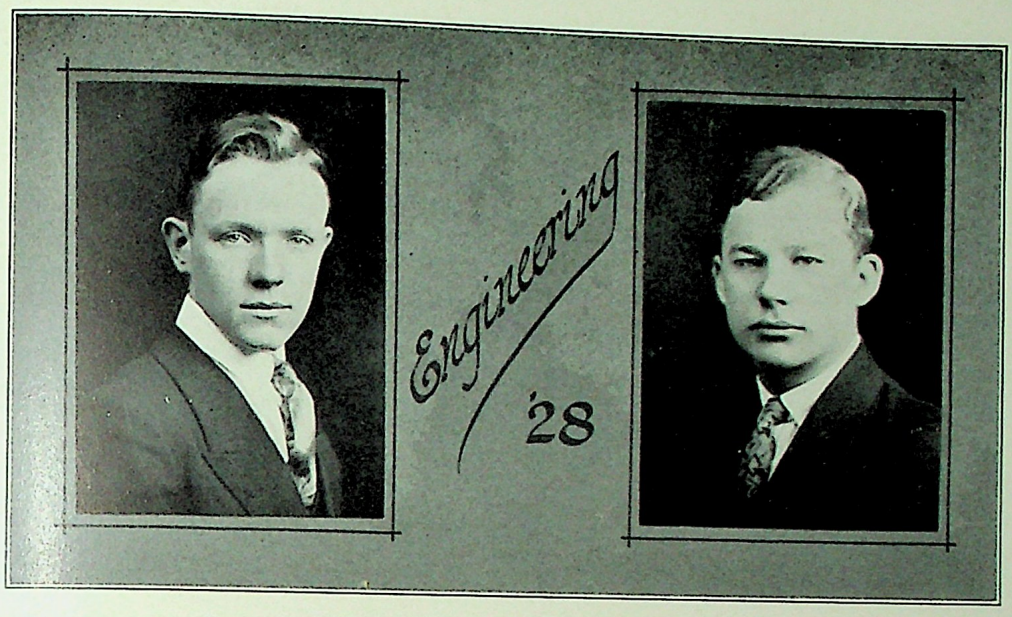
"Goldie"

Civil Engineering

A. S. C. E.

Mr. Goldsmith is one of those fellows who knew his calculus. We remember in Prof. Quilty's class last year, with his home work neatly done each week, he always went to the board and we remember many an integral that he differentiated. As a reward for his talents, he has in turn become a very integral part of our organization.

Saul is usually there with a glad hand and smile for every member of his class, and is one of the most popular men of the class. This may in part be due to a rather good try at a moustachio. This moustachio, by the way, is a dead give away of the sway that certain party of his has over him. But you can't blame him for that.



WILLIAM P. HAAS

"Bill"

Mechanical Engineering

A. S. M. E.; Interclass Basketball; Junior Prom Committee.

Bill is one of those fellows who never has his homework when he comes to school, but when Prof. Williams says, "Pass the homework to the right," Bill certainly is there handing in five or six problems. How he does this is a big mystery, and maybe someday he will let us in on the secret.

As a class worker, he is a little bashful in ways but when performance counts Bill certainly does more than his part. He is always read to 'pitch in' and do his share. This ability, we are sure, will be accounted for when we inform you that Bill's greatest ambition is to be as great as his motto:—

"Westinghouse my Inspiration
Perfection my Aim."

HENRY A. HAGEDORN

"Hage"

Mechanical Engineering

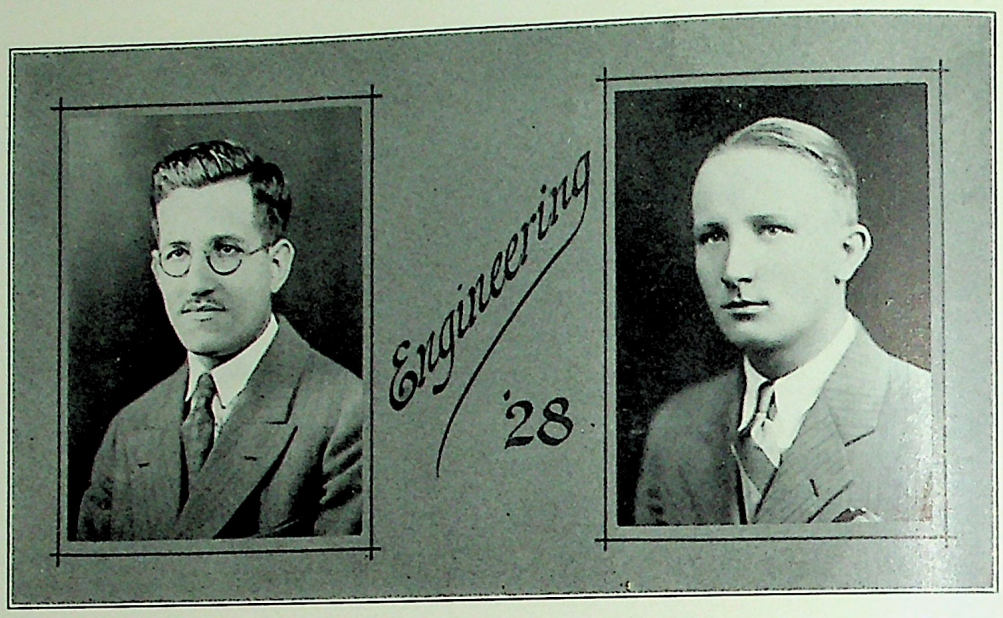
A. S. M. E.

Hage is an inhabitant of that opening between the tombstones — Astoria. Maybe that's the reason for the sad look on his face.

He supports Cooper Activities by selling tickets to friends of his. They must be numerous, because he helps along every affair.

Although rather a quiet and unassuming chap, he speaks with a knowledge of the subjects he discusses, especially mechanics of materials—Oh, Yes!

He firmly believes in deliberating a problem before starting it. He has been known to make a sketch of a drawing twice before making it final. But when he does make that final one—Wow, up goes the class's average. That's his one fault, but that's plenty.



JACOB HALPERN

"Jack"

Electrical Engineering

Assoc. A. I. E. E.

An appropriation of $1.00 is to be made from the Class Treasury to be awarded to anyone for a device that will keep Jack in his seat when a "tough one" comes up in D. C. Machines or Diffs. He will tackle anything; and is often brilliantly right, and yet again abysmally wrong. But right or wrong he is good-humored about it, and you find yourself disarmed by Jack's refusal to be solemn. We are not much of a Sherlock Holmes, but we will risk our reputation on the assertion that Jack's favorite exercise is "African Golf." Else how would he have developed that wonderful snap of the fingers, whenever he strikes a snag at the black. With the left hand to his forehead in tortured ratiocination, the fingers of the hand snap in sudden enlightenment: "Come seven! Baby needs a new pair of integrals!"

FRANK J. HANASEK

"Gustav"

Mechanical Engineering

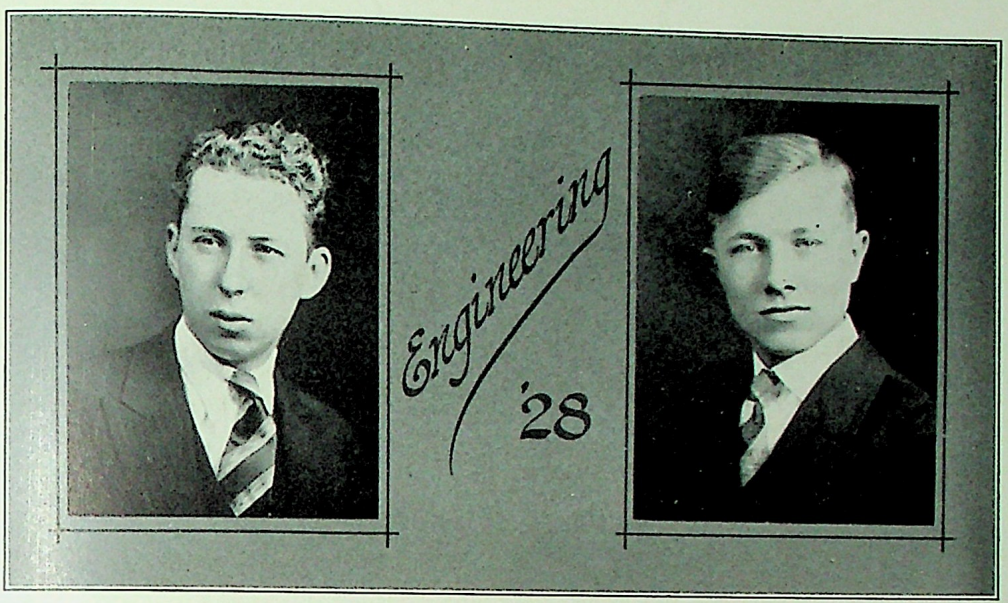
A. S. M. E.

"Practice what you preach" — that's Frank's motto. Frank preaches that pleasure should not interfere with business and the fact that he observes this rule is verified by the large number of A's received by him in the exams.

He has hopes of taking Willie Plant's title away from him this summer and is busy training between exams by walking from school to Delancey Street where he boards the train for Glendale-by-the-Park. This burg is run by vain women because every street in it is named after one. Being a very bashful fellow (?) he keeps away from them by going to Cooper at night.

He loves variety, and for this reason you will find him at 42nd Street and Fifth Avenue any Sunday because, as everybody's knows, it is the cross-road of the world, and all chickens like to cross the road.

He is yearning for the summer—so are the rest of us—in order that he might see the girl at Camp (yes, that's it) he left behind or was it before?



BRUCE HERBST

"Bruce"

Electrical Engineering

A. I. E. E.

Bashful Bruce, the "Little Brother" of us "Big Brothers." We assume the fraternal attitude towards Bruce for he is like a young sapling in the forest of sturdy oaks. Nevertheless, leave it to the young-'uns, especially Herbst, for he has impressed upon us time and time again, that although he may be young in years, worldly knowledge, and sophistication, he can hold his own in a battle of wits, with banners flying.

His looks are not deceitful, for he is as he appears to be,—a conscientious scholar with a mind fully absorbed with the more serious phases of Life. However, that twinkle in his eye discloses the little bit of "Rascality" so inherent in "Flaming Youth."

You've started well Bruce, now finish it!

GEORGE JACOBSON

"Jake"

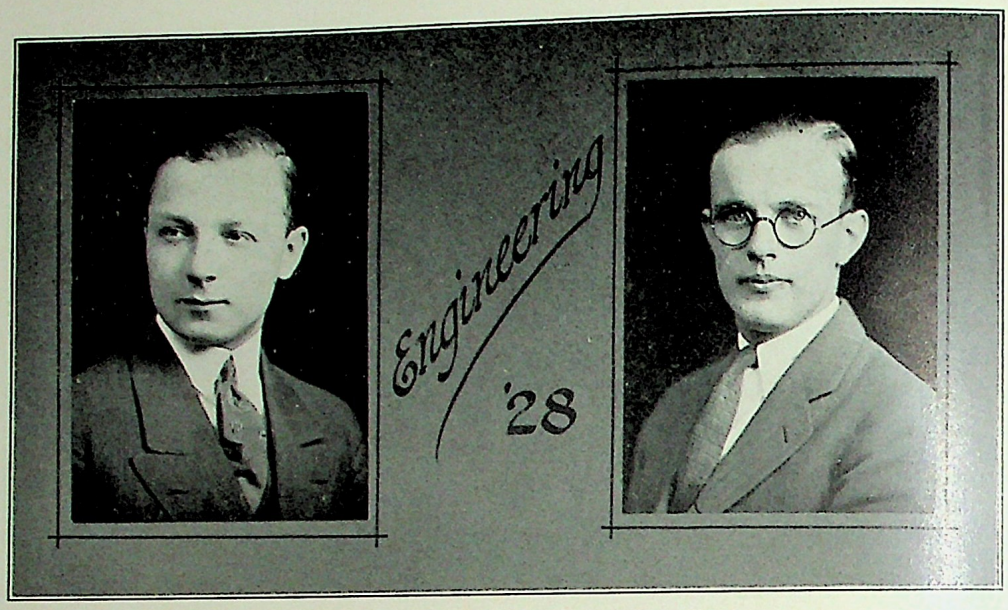
Civil Engineering

A. S. C. E.

Get Jake up at the board and watch something tickle his sense of humor. At a time when all more sombre souls, shrink 'neath the piercing gaze of the almighty professor, Jake laughs it off with an uncanny sense of security.

Someone in the class has to keep up our spirits, and the rest of us are certainly glad that Jake does his stuff so well.

Of course, we have a good many excellent students in Cooper, but Jake ranks with the first in any group. We envy him for that, for it is an accomplishment. On the other hand Jake, don't let your desire for knowledge sacrifice some other things that the less unfortunate student might point to with pride. Get out your integrals Jake and dope that one out.



HENRY JANSON

"Anrée"

Mechanical Engineering

During his four years at Cooper, Anree has made himself very conspicuous by his quietness. While we are wondering whether we have a future Steinmetz or Einstein in our midst, he studies and studies—on his way to school, on his way home, anywhere. He would not tell us how many times a week he skips the station, while trying to fathom the deep philosophies of science. However, there have been rumors that another subject infinitely more complex and intricate than any engineering steals some of his valuable time set aside for study.

ALEXANDER JOHNSON

"Al"

ΦΣΩ

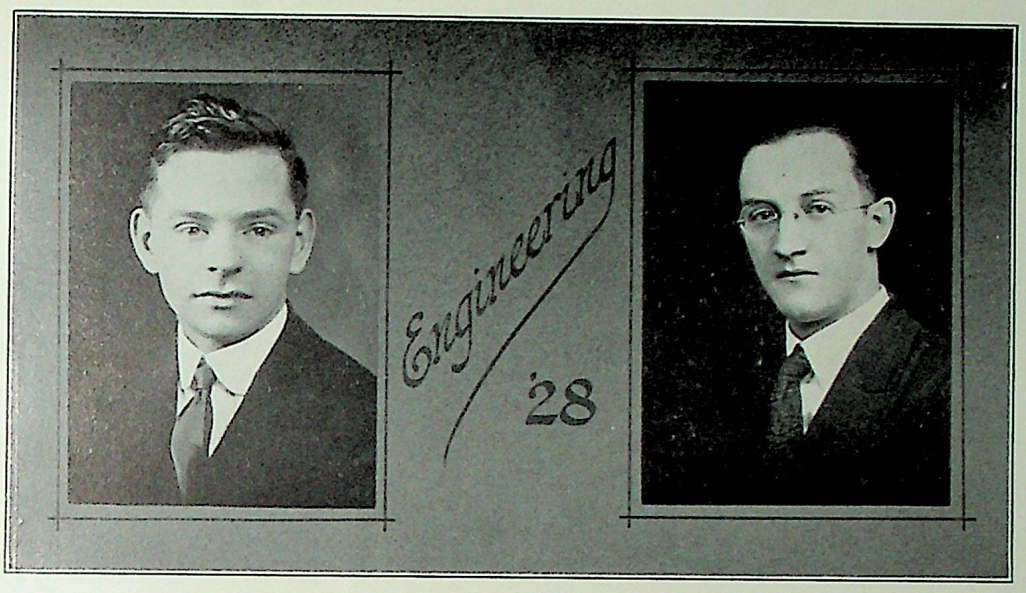
Electrical Engineering

Junior Prom Committee, '27; Business Mgr. Cable, '27; Ex Post Facto, '28; A. I. E. E.

Lo and behold! Here we have "high tension Johnson" of the Brooklyn Edison Company. When not occupied advising Edison, Al manages the business affairs of the "1927 Cable" and confers with those most worthy gentlemen of the Junior Prom Committee. Apparently this energetic youth never studies —if he does we've never caught him at it. But then, why study when one is naturally so bright?

One of Al's most recent accomplishments was a discussion on the amount of water required to cool a Prony brake. It is sad but necessary to relate that Al was 'all wet' and was told so very forcibly by one of our able instructors.

Nevertheless, we love our Al, and his girl friends, and wish that we had more like him.



LEONARD M. KEBRICH

"Keb"

Chemical Engineering

Student League Delegate, '24; Students' Council Delegate, '25, '26; Students' Council Dance Com., '26; Class President, '24, '25, '26.

Keb is the boy who stole a march on the rest of the gang last October by nominating himself as the lab partner for the fair bit of feminity who was then welcomed to our midst. We hate to continue this story but the young lady in question forsook the class shortly thereafter. If "There's a Reason" you'll have to see Keb.

This gentleman boasts of another peculiar accomplishment — he can't absorb enough knowledge in the daytime and so he goes to night school, or vice-versa, as it is not evident which is his hobby. Just to drag him down to the level of his classmates we'll broadcast the fact that he is as rabid a chess player as eight of organic chemists (to be).

DANIEL J. KENNEALLY

"Dan"

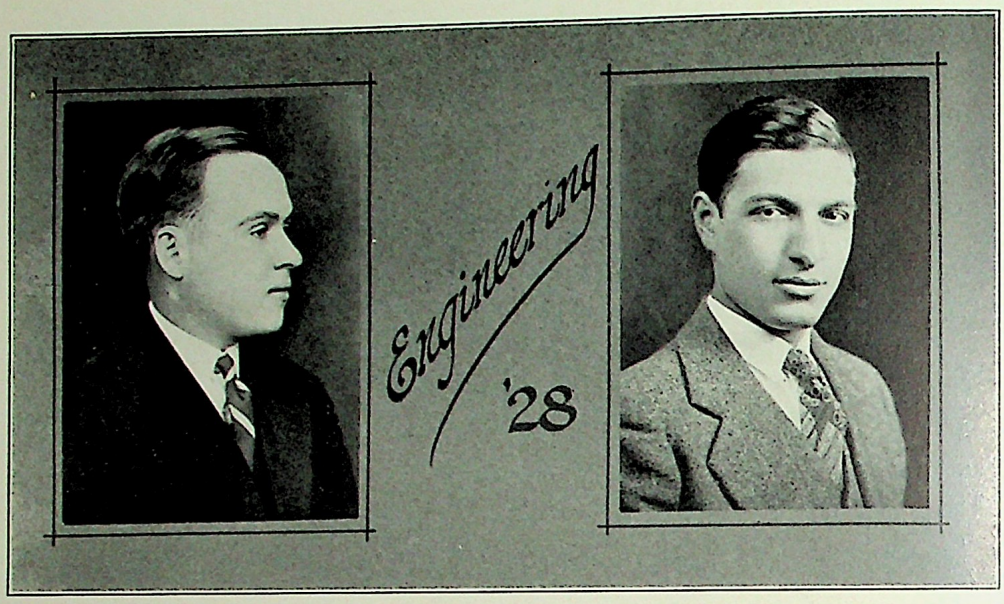
Electrical Engineering

A. I. E. E. Associate; Vice-President, '24; Cable Board, '27; Class Secretary, '27.

Who is this reserved, dignified personage ambling along so nonchalantly, so evidently at peace with all the world and himself? Careful boys, he's our crack salesman. When it comes to using persuasive arguments, he can almost convince you that your soul will rot in Hades if you fail to buy the Cable.

Incidentally, he happens to be our class secretary; his records present keen competition to the Hall of Records for they are complete in the minutest detail. Undoubtedly, he manages to reserve enough time for his studies, as we have never known him to come unprepared for either a sudden quizz or bombardment of exams.

Daniel casts his vote in some poll section in Harlem; but like his forefather Danny, who fascinated the lions with his steady gaze, so our Danny keeps the lassies at bay.



OTTO KNIPPING

"Windy"

Civil Engineering

A. S. C. E.

Otto is a new comer in our class, but it did not take him long to get acquainted; for he is a genial sort of fellow well liked by all of us. We're looking forward to seeing Otto at the St. Regis, for the express purpose of seeing him with a wing collar, but also for a more local reason. We are quite sure Otto's taste in this respect is a rare one,—hence the anxiety.

Otto has always been the sort of a boy that helps make up a good active class. Whatever activities we have, Otto is always willing to attend and see them through, and we are sure that next year will find him an active member of the class.

SOLOMON KOMITO

"Sol"

Civil Engineering

A. S. C. E.

This fellow was not named Solomon for nothing. Remember old King Solomon? No, we do not mean that Sol has a thousand wives, for that is not permitted now, and who could support them anyway? But we do refer to his wisdom.

He has a great philosophy about Cooper Union and its effect on the student. He claims that after four years of attending Cooper no one should ever be discouraged or disgusted about any setbacks that he might fall heir to. In fact, as the saying goes, he considers a Cooper education as one glorious loaf where you attend five nights a week, some weeks, and take your chances with the rest.

FRED KRISTO

"Kris Kringle"

Mechanical Engineering

A. S. M. E.

"Kris" is one of those quick chaps who listens intensively to what is said, and then after all have voiced their opinions, he generally comes across with the verdict. Thus a lot of credit goes to him, for his actions speak louder than words, and thus he remains always on the right side of his fellow classmen. It might be stated also that "Kris" is a very ambitious scholar. He does a good deal of studying, and in our opinion burns the midnight oil far into the wee hours of the morning.

We are certain that if the New York Edison Company would cut off its juice "Kris" would use candles made by hand, as did his predecessor, "Benjamin Franklyn."

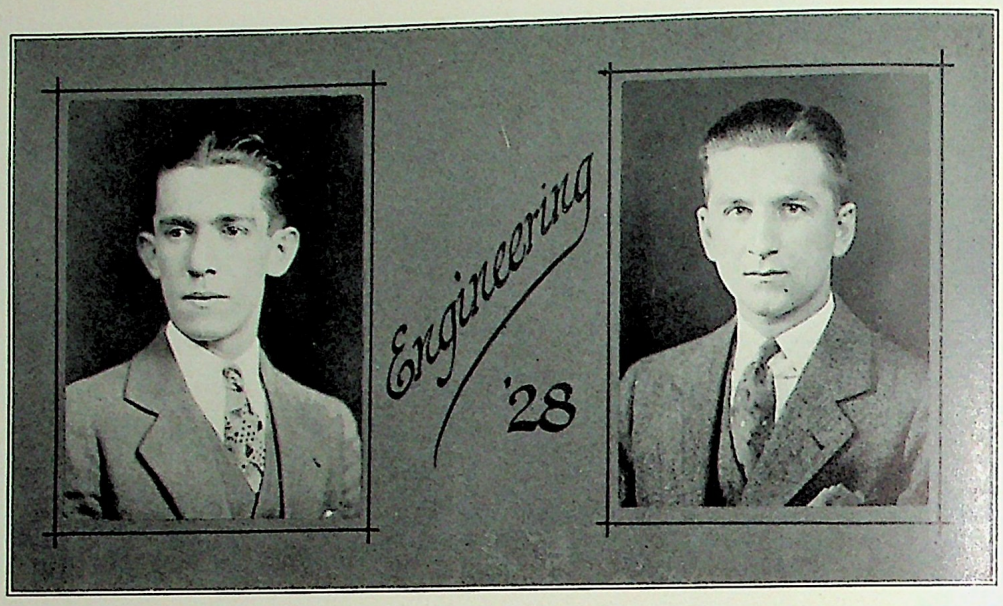
LEO KRONER

"Leo"

Mechanical Engineering

A. S. M. E.

Leo is a fine fellow with a coarse voice. He never speaks much, but when he does his voice quakes out waves of enormous pitch, these impressions, in fact, causing disturbances in the laboratory seismograph. He is an ex-mariner and as hale and hardy as any gob can be. Being a benedict he has no time for many activities but is always up in his studies. His hobby is predicting his exam marks. He once predicted he would get 85 per cent. in a calculus exam. He got only 84 per cent. and is still trying to figure out his mistake. The Profs can teach Leo mechanics, electricity and what not, but when it comes to discussions of the briny deep, Leo takes the cheese.



LOUIS KUKOWITZ

"Kuckoo"

Mechanical Engineering

A. S. M. E.

Louis is the left hand side of the Siamese Twins, or the world's inseparable pair. He always is on the outlook for original information in most subjects and leisurely casts aside all second hand "dope" given to him. This fact assures all his classmates that if any notes are taken from Louis's books they are sure to be K. O.

As a pastime he indulges in investigating the mechanical actions of the toy Diesel engines so closely that we would not be surprised if some day he will get caught in one of their cylinders.

As to social activities, Louis is always on the spot, attending every dance and banquet with the same blonde, and some day we expect to read about them in the "married" column.

HERMAN KULDA

"Hans"

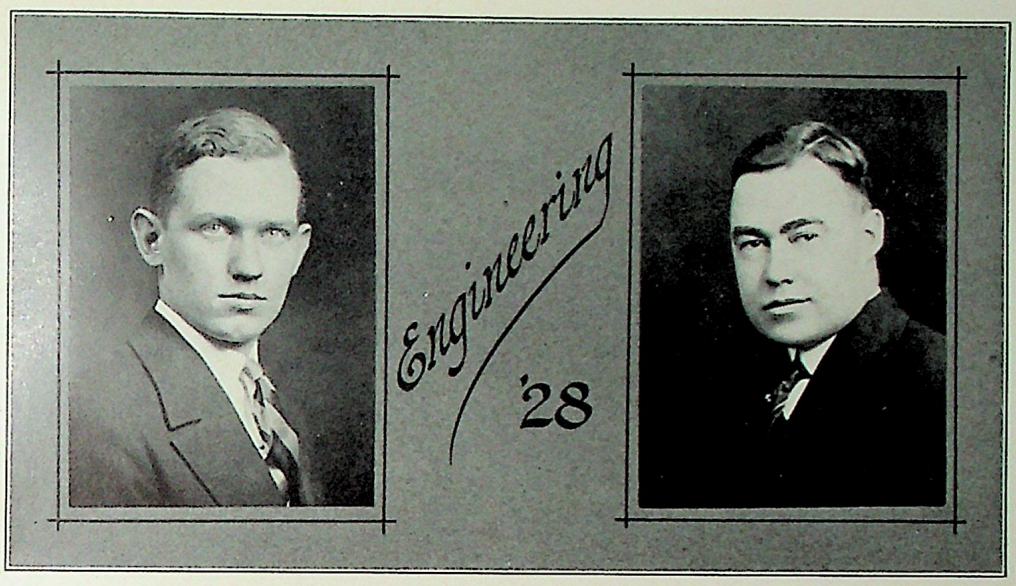
Mechanical Engineering

A. S. M. E.

Hans is the right hand side of the Siamese Twins and is noted for his bloodhound qualities. Always on the go, and if not observing some experimental data he is busy doing some studying. He is well liked among his classmates and is their authority on Machine Shop Practice, giving a wide variety of information when desired.

Hans (whose right name is "Herr-Mann") is a little shy when it comes to recitations, and public demonstrations; and after they are concluded you can hear him take a deep sigh of relief. This usually signifies success.

As to studies, Hans does burn the ancient oil until morning, but this is overlooked due to the fact that up in the Bronx where he hangs his hat lights never grow dim.



GEORGE LATHAM

"George"

Civil Engineering

A. S. C. E.

For a man who has to leave class early every night to make a train George certainly is a smart boy. He gets twice as much out of forty-five minutes as the rest of us do out of an hour. But then there is a reason. You see, after watching him leave we just can't help wondering if he really makes that train every night. On the basis of scholastic ability we must admit that the evidence is in his favor, but somehow we can't get away from a slight, but omnipresent suspicion that something is funny somewhere. Of course, to counteract this we have the united testimony of his two trusty friends—and by the way, these three boys are just as inseparable as the three musketeers. But alas! Someday a fourth musketeeress shall part them.

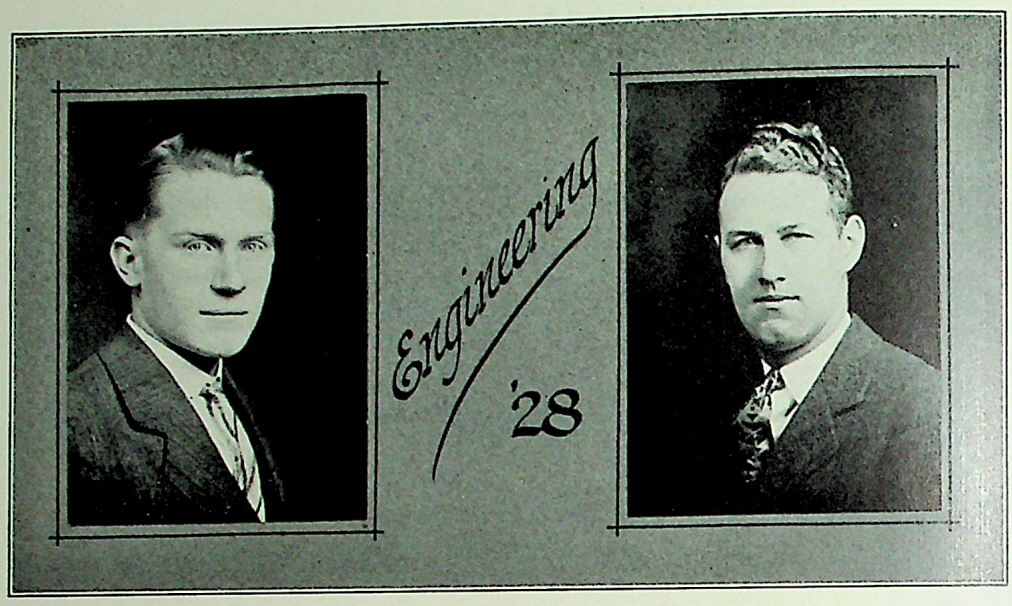
CLARENCE K. MACKENZIE

"Mack"

Civil Engineering

A. S. C. E.

On any night of the week, about 9.30 P. M., you may see a hurrying shadow cutting through the dark streets of downtown New York accompanied by the rapid tapping of hurrying feet. Do not be alarmed if you see and hear something like that for it is not a ghost but only our Mack rushing along on his silent way to make connections with his homeward bound Erie train. Making that train is not the only worry Mack carries on his mind. He also worries about his scholastic standing, although we can't see the reason for this since if we had his ratings all would be as light as the billowy clouds of a fair day in May.



PETER McNAMARA

"Pete"

Civil Engineering

A. S. C. E.

The personnel manager of a large company once made a statement to the effect that all people with flaming locks were reckless and of the dare-devil type. It is most certain that said manager never met Pete, for if he had that statement would not have been made. For you see, Pete is that kind of fellow who very carefully thinks out any problem that arises and after he has decided on a course of action—watch his dust. It is also to be noted that he very seldom goes wrong on any of his decisions. School work is always uppermost in his mind as may be attested to by any one who has gone to Jersey with him after school, and he persists in talking 'shop' on that long journey when there are so many other subjects of a much more enjoyable nature that could be discussed.

JOHN A. MOLLERS

"John"

Electrical Engineering

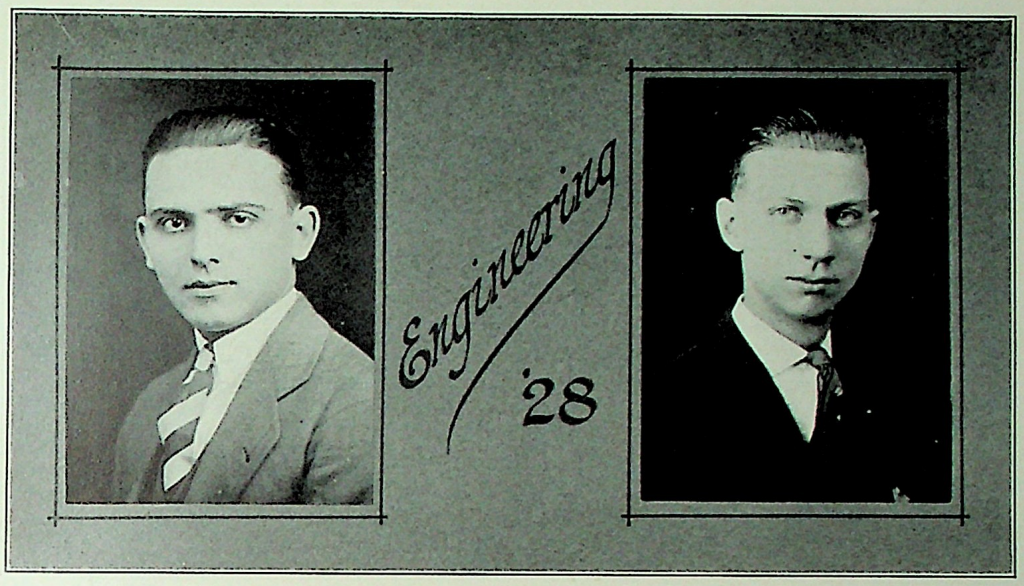
A. I. E. E.; Class Pres., '25; Swimming Team, '24, '25, '26.

"If the women can swim the English Channel, so can I!" maintains John. Mollers, by the way, is the class "all around man"—both in studies and athletics. His secret ambition is to swim a wave-length of 260 meters (electrically speaking).

The positions held by John enumerated above are proof enough of his capability as a leader of men. His fellow students hold him in high esteem, because besides being dependable, he is at all times very democratic in lending "a helping hand."

"Diffs" D. C., Heat, or any other topics of discussion are always at his finger-tips.

Huge in stature, a young giant in physical strength, in strict co-ordination with a well-balanced mind, John is our ideal type.



LANDO E. MONACCI

"Lando"

Electrical Engineering

ΦΣΩ

A. I. E. E.; Newman Club.

Prof. Quoting: "What is so rare as a day in June,——"

Chorus: "Monacci without his pipe!"

No sooner had Lando read about Irene Bordoni's admiration for pipe-smokers than he "out and joined the ranks." He is now "walking around in circles."

Quite a diligent student, and at the same time blessed with the asset called "sense of humor." He has often contributed his humorous bit towards a pleasant and entertaining evening.

His knowledge of polyphase circuits and the like keeps him working for the Queens Electric Light and Power Company. His possibilities are very encouraging, and we are all looking forward to the time when he will assert himself as Electrical Engineer, Lando E. Monacci.

GEORGE W. MORGENROTH

"George"

ΣΑΠ

Mechanical Engineering

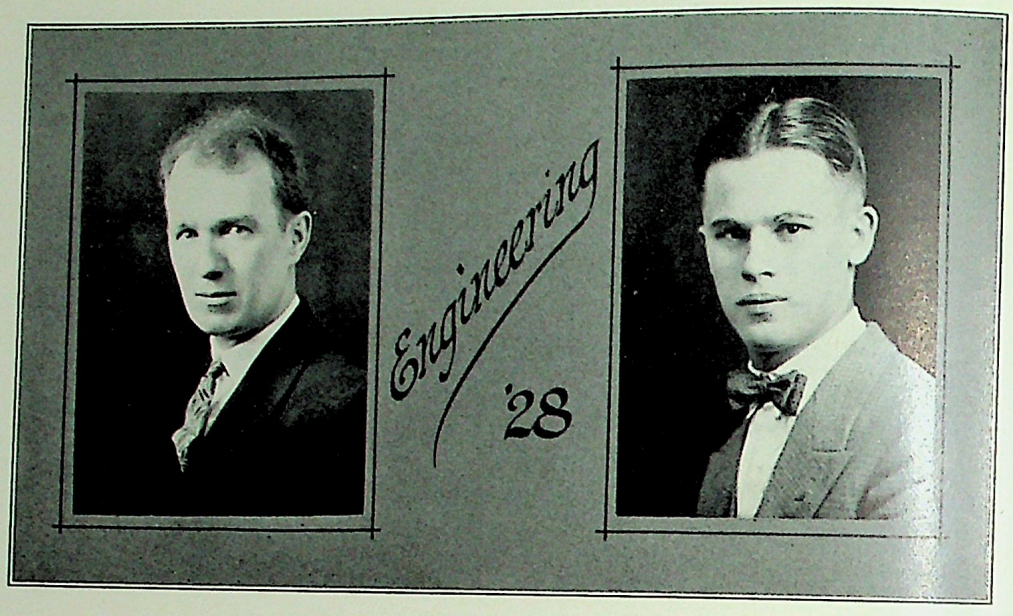
C. U. S. L. delegate, '24; Banquet Committee, '25; Class Treasurer, '26; Sophomore Dance Committee, '26; Class Treasurer, '27; A. S. M. E. Treasurer, '27.

George comes from Jersey's "Hive of Industry," Harrison, which manufactures everything from a pin to a steamship and thus this accounts for his varied knowledge of machinery.

As his slogan is "practice what you study," he has varied his positions accordingly and now indulges in the design of Hydraulic Equipment thereby applying what he theoretically accomplishes.

In class George is one of the most popular assets being our class representative throughout our years, and always pleases everyone. Study is his main accomplishment and this he does with zeal. His great ambition is to teach and thus give forth his knowledge to further Engineering Education with the words:

"Tell him now, he cannot read his tombstone when he's dead."



JOHN J. MURRAY

"John"

Mechanical Engineering

A. S. M. E.

John hails from the oily city of Bayonne. For the benefit of urbanites we might say that Bayonne is in New Jersey. However, he does not claim to have founded the Standard Oil Company.

John is another one of those quiet fellows. He never speaks out of his turn, and at times in class he does not even speak when it is his turn. But never mind that, John. The time will come when you will be a master of men and win a chess tournament.

John professes to be a woman hater, but we can't believe that the Bayonne girls let him. No sir, Bayonne is some hot town.

John's ambition was to become a Bayonne cop, but after mastering the science of hydraulics he has decided to become a fireman instead.

MICHAEL MUSSETTI

"Mike"

Ω Δ Φ

Civil Engineering

Class Secretary, 1925; A. S. C. E.

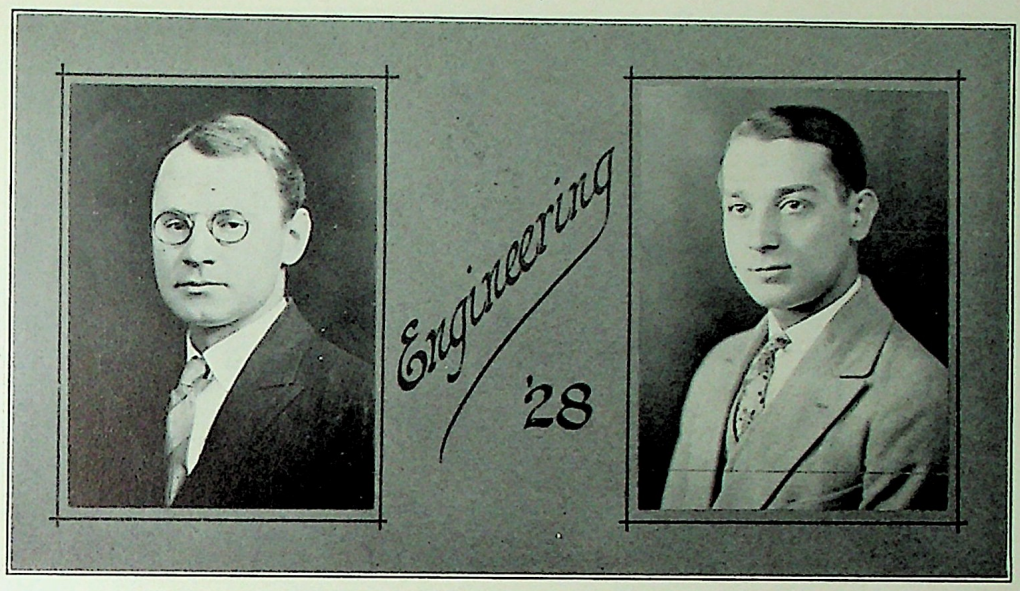
"Who did that last experiment, anyway?" "Mike did."

"Hey, Mike, what answer did you get?"

So, gentle readers, you may infer that Mike is quite a boy. Perhaps he got that way from long association with the Otis Elevator Company. Having experienced the ups and downs of life with the aforementioned firm he has been elevated to that position where he may confidently say: "Ask me something, I know."

Mike has other accomplishments which one may also admire. On a well known escapade at the Village he ran away with a contest involving the rate of speed with which the level of a Bachanalian fluid disappeared.

All in all, however, Mike will always be remembered as a member of the 'gang,' and this is, in the final analysis, what we all seek to attain.



NICHOLAS V. PETROFF

"Prof"

Electrical Engineering

American Math Society; A. I. E. F.

"Show us how you did it, Petroff!"

The most popular expression within the four walls of the math room. When confronted with the analyzing, dissecting, and solving of the most difficult mathematical mysteries, why worry. For Prof. Petroff is in our midst. He has the keenest, most analytical mind in our tribe and we consider him on thinking terms with Reddick, Gale, Piaggio, Love, and other wizards. Only one thing could be more tasteful to Petroff than a "deep problem" in diffs, and that is "two deeper problems" in diffs.

He is mentally well-balanced, for not only is he outstanding in math but is also an excellent student in every subject in his curriculum.

He holds our respect and admiration for his capability—and our friendship and goodwill for his tolerance and generous overtures of assistance to his less fortunate fellow students. To Nicholas V. Petroff the problem of Life is merely a game of "Put and Take."

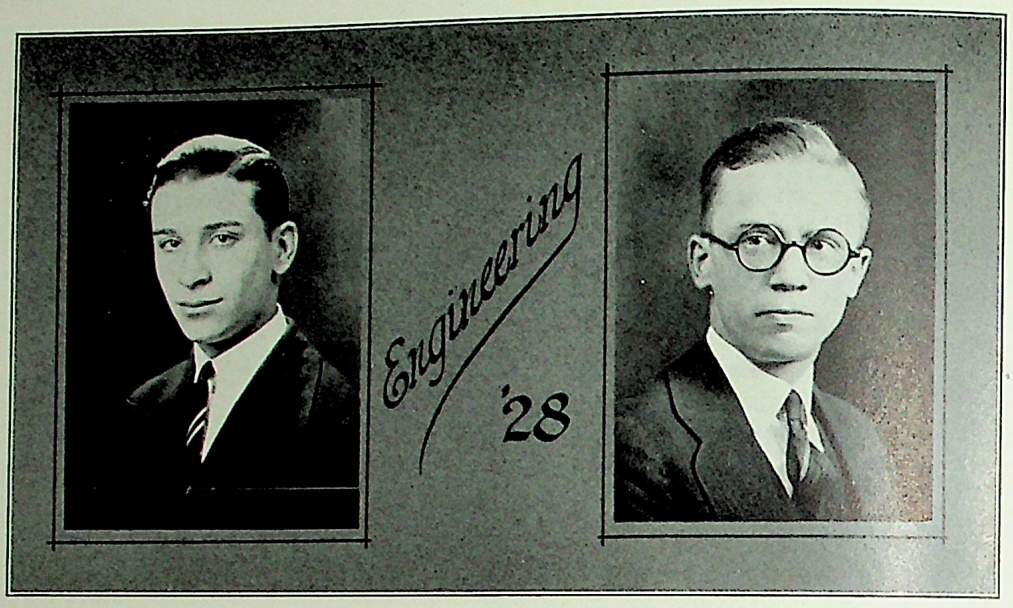
CHARLES PISAPIA

"Charlie"

Civil Engineering

A. S. C. E.

We give this enterprising young man credit for recognizing the immense advantages of joining us this year. You see Charlie previously attended "Tech" but realized that this left him with too much time on his hands. For that reason, Charlie immediately joined the ranks of the other more or less ambitious souls who enjoy 5 nights of sleep between the hours of 7.30 and 9.30 for about 7 months in the year. We wonder what Charlie will do during vacation. We confess we do not know but whatever it happens to be you can rest assured that he will not be studying for re'exams.



ABRAHAM CHARLES PURGALIN

"Purg"

Electrical Engineering

A. I. E. E.

Socrates had his Plato, Sam Johnson had his Boswell, and E. E. '28 has its Purgalin. Purg reported everything that happened in the Class in 1926, and some things that didn't happen at all. Far be it from us to doubt Purgy's veracity, but us literary lights must have our poetic license, just as other folks must have their form-fit flasks—you know how it is. Purgy made the Pioneer a merrier paper by his quips, cracks and unblushing gossip. Every time anybody said or did something droll, presto, Purgy made a note on his cuff. Some of the boys who used to talk a lot and wore question marks for scarf-pins, began to get leery and even tacitum, for fear of giving copy to Purgy.

GEO. W. REIBER

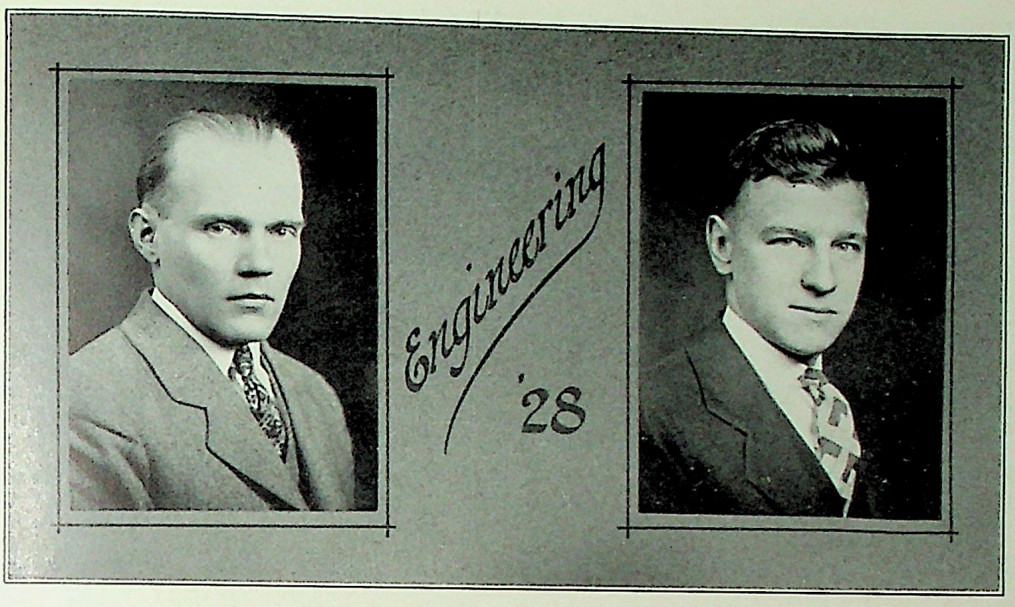
"Rye"

Mechanical Engineering

George is a good fellow and at times very quiet. This may be caused by his membership in the Benedict Club, and if so his better half gets most of the credit. But considering his situation he is no different from the rest of us. He is always trying his best to accomplish the most in the least possible time.

His main interest, outside of his home, is "canning" and this he can do with great ability as may be verified by his connection with the American Can Company.

As to school activities George is on a par with the average, thus taking in most of the functions and especially those of the A. S. M. E.



JOSEPH J. REINHARDT

"Joe"

Civil Engineering

Treasurer C. U. N. A. O., '22; Vice-President C. U. S. L., '22; Class Vice-President, '22; Varsity Football, '22, '23, '24; President C. U. S. L., '23, '24; President A. O., '24; Captain Football Team, '26; A. S. C. E.

Joe is naturally an argumentative character and a stickler for detail. What would an A. O. meeting be without Joe? Half the fights, nay—all the fights originate with Joe in some way or other, and all of them are by no means confined to A. O. meetings. Football, for instance, presents just the outlet for Joe's emotions.

We have often seen Joe's five foot six surrounded at center by the opposing Beef Trust, who, at sight of our hero's ferociousness, lay down and quit. What a man if he'd add six inches to his crown. However, what Joe lacks in so-called 'beef' he makes up in horse-sense, and after all that is what counts.

GEORGE E. REITTER

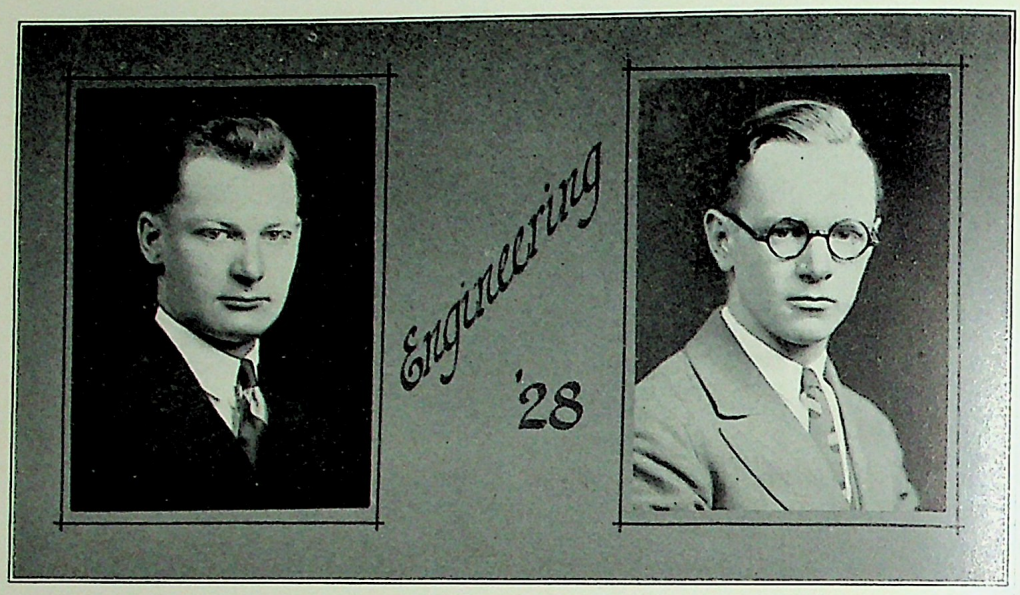
"George

A. I. E. E.

Lo and Behold! Look who cometh! None other than our rural frater, fresh from Ridgefield Park where men stopped smoking and women wear slickers.

George is an embryo Thos. A. Edison. Kind of quiet sort of chap, but as they say "still waters, etc. * * *" He is very conscientious at his research work in the Bell Laboratories and we have a hunch that he is going to spring upon the world, some new idea in "catching a voltage drop." He either loves too much black coffee or suffers from insomnia, for any night will find his home fires burning, at hours when good children are abed. Keep up the good work, George.

He always reminds us of the "Vanishing American"; after classes when most boys loiter to gossip, (yes girls, the men do that too) George is seen sprinting away to catch the rowboat to his Homeland, where skeeters reign supreme.



WILLIAM F. RIEDELL

"Bill"

ΦΣΩ

Chairman of Junior Prom. Committee; Treasurer E. E., '28; Interclass Basketball.

All Hail to "Bill"; one of the most good-natured jolly old fellows you can find in the country of Brooklyn. Rate specimen in that territory—almost extinct, according to latest research reports. Besides being class treasurer, he's red-headed — very unusual combination — an altogether individualistic individual altogether. It would be easier to attempt looking for "lost volts" than to try to evade the long arm of the Riedell Treasury Department.

His display of tact is very tactful, for at quizz, when quizzed, "Bill" most assuredly and unfailingly always agrees with the instructor. As long as the instructor fails not, then "Bill" is the "light that never fails."

By the way, he is the Beau Brummel of the age—do your wonder, being class treasurer? His fiery crown of glory has a magnetic effect over all Brooklyn shebas. Ahah! The mystery is solved—Caesar was also red-headed.

FRANKLIN D. ROBINSON, B. S.

"Robbie"

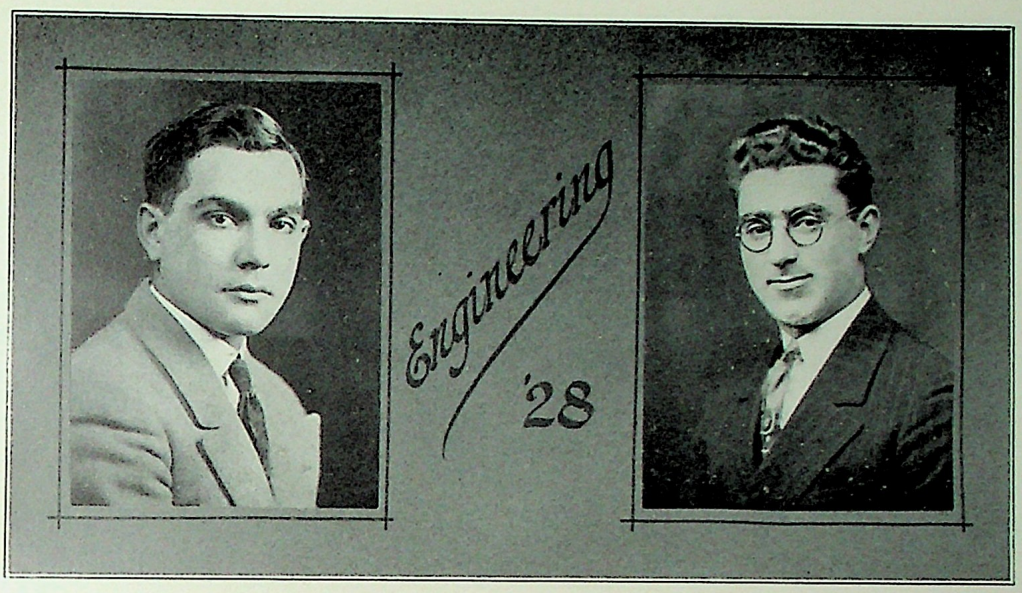
ΑΓΩ

Civil Engineering

Ass't. Make-up Editor; Cable, '27, Class Secretary, '27; Wrestling Team, '27; A. S. C. E.

This fair example of Titian pulchritude has two great disadvantages in life. In the first place, he comes from a rival institution namely, Colgate University, and in the second place, and this is really the unpardonable crime, he commutes from "Kew Gardens."

Robbie therefore is forced to commute on the Long Island Railroad, if we may call it such. It is for this reason that Robbie has joined the wrestling team. No longer will some Goliath gently wave him aside. For our David, hath studied the manly art, therefore we advise all those antagonistic to take heed. Still in spite of his acquired brute strength Robbie has a gentle soul beneath.



JOSEPH ROFMAN

"Joe"

Civil Engineering

A. S. C. E.

Joe is one of the kind that Professors like—a hard worker and a good listener, who always asks, just at the right time, the question that the lecturer has been hoping for. Not that he isn't popular with his fellow students. He is one of the (ultra) dependable type that makes friends rather slowly, but very permanently. It is no wonder that he has been entrusted, for the past few years with a share of the work on the famous Holland Tunnels. No doubt, we shall soon be hearing about the opening of the Rofman Bridge.

ABRAHAM ROSENBAUM

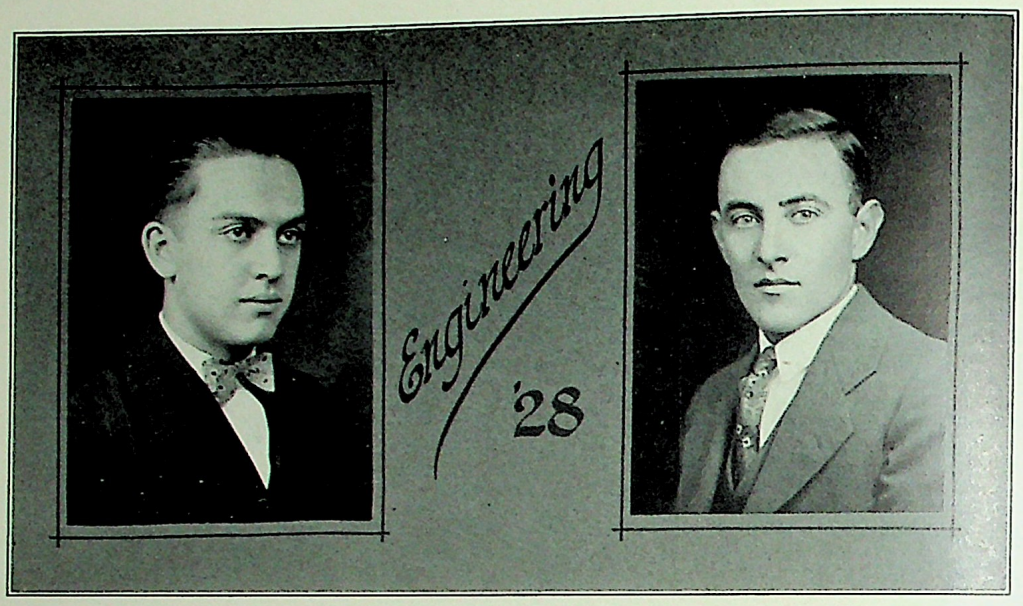
"Rosie"

Civil Engineering

A. S. C. E.

Mr. Rosenbaum's star act, repeated weekly, is to ask Prof. Diemel a question which has just been answered—or, at any rate, one the Professor believes he has just answered. Now one of the two must be wrong, and our advice to Rosie is to give the Professor, or any professor, the benefit of the doubt. The reason is too obvious to require repetition here.

A popular pastime is prophecying futures for one's classmates. We don't dare do anything like that in Rosie's case, but one thing is sure, he won't be a "yes man".



DAVID H. ROSENBERG

"Rosie"

Civil Engineering

A. S. C. E.

Perhaps the most consistently perfect haircomb is sported by this budding young engineer. We hear that the lotion he uses is oil and water, and here this young man has done what years of thought and experience have failed our best minds. He has mixed oil and water and produced—a haircomb, the surface of which is infallibly smooth. Yes so smooth in fact is this young man that he often slips putting on his hat. This, he explains, in terms too technical for us, is due to the fact that oil and water produces a coefficient of friction which is exceedingly small. Still it is true that the slipping is all on the outside. Below that shining exterior there is a mechanism that never fails.

DAVID SALAGE

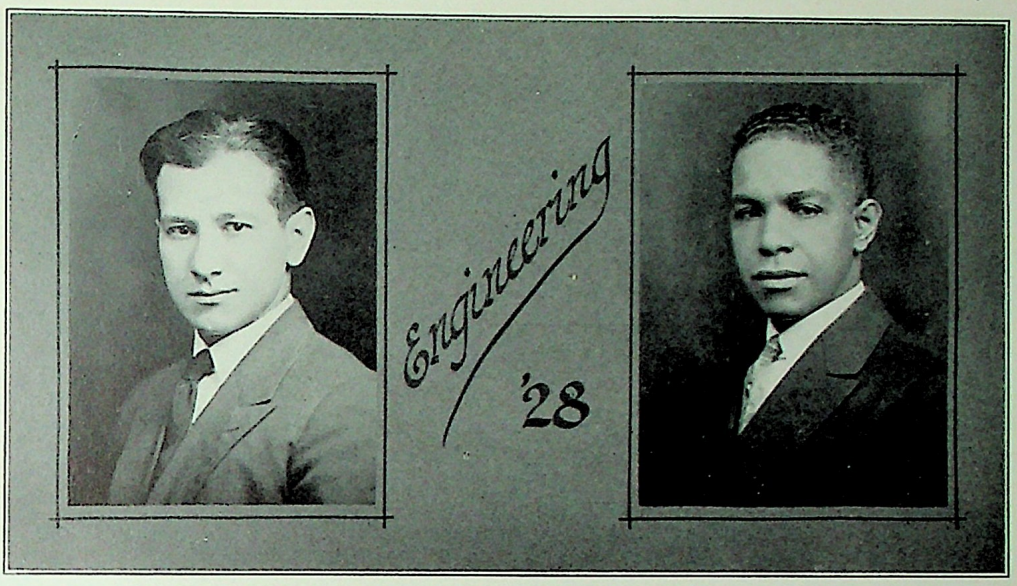
"Dave"

Civil Engineering

A. S. C. E.

This boy has more ways of saying the same thing than anyone else we have ever seen. He usually makes his exam report so long that the profs reading them usually give up in dismay about half way thru and then, in despair, compromise and jot down passed.

But really he is a man of strong determinations, determined to find a soul mate! Make out he doesn't like dancing, why no class affair would be complete without Salage and his famous Tux.



FRANK SANTILLI

"Frank"

Civil Engineering

A. S. C. E.

What more can we say than, when we have tickets to sell our watchword is, "Start off with Santilli", for Junior Prom and Pioneer Vendors are welcome there. That's the way Frank feels about it. We are told that he is a fair stepper, of course we say not upon what he steps, but step he does—and how!

Frank aspires to become a great Bridge Builder in New York's Subway System. Of course Frank, it has its possibilities, but your other great hope is something more tangible, even if you cannot figure it out. Anyway that's all-right we've never been able to figure it out either.

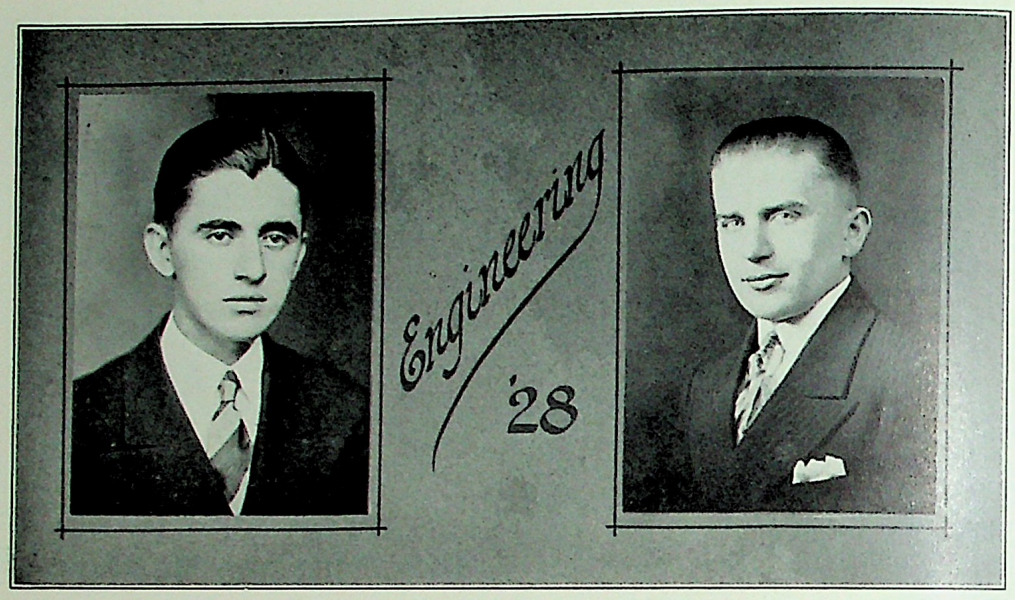
ERIC SAUNDERS

"Eric"

Mechanical Engineering

A. S. M. E.

Here is a young man who is destined to show results after his years of conscientious study. Eric is probably the cream of the intellectual embryo M. E.'s. His theories and laws are original and who knows but what some day the names of Saunders and Newton will become synonymous. Although his pet hobby is checking statements and formulas in the text, he is also interested in class activities, and is always present at the A. S. M. E. meetings. Eric is not affected with that virulent malady "Studiosis", as his flock of "A's" suggests, but is naturally a quick thinker and a conscientious student. He is probably the only student in the class who can write as fast as Prof. Ball talks. This is due to his expert knowledge of shorthand.



JOHN F. SCANLON

"John"

Electrical Engineering

A. I. E. E.

Many a scandal-monger has passed the scrutinizing eyes of John Scanlon at the Surrogate's Court in the Bronx where he is kept busy—not serving time, but serving the public. Many an evening will find John slowly but carefully pacing down the laboratory to see if any of the students "can be served."

Quiet in nature, he looks his type. John is a bit bashful, and confides in no one. He is rather secretive; we wonder what it's all about!

Punctual at all times, anxious to work—he has the right idea. He doesn't tackle things with a big splurge which ultimately might prove disappointing, but goes about in his quiet matter-of-fact way and attains his ends just the same.

FRANK H. SCHNEIDER

"Frank"

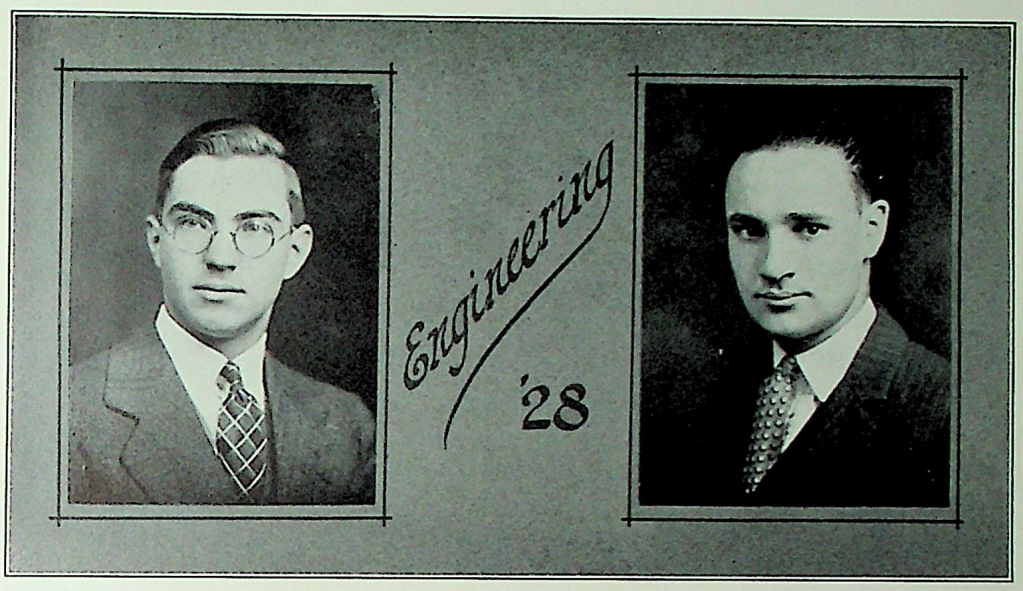
Mechanical Engineering

A. S. M. E.

Frank comes from Weehawken, N. J., and certainly deserves credit for tolerating it. Of course he needs a passport.

Frank is a billiard shark and claims to be the champ of Weehawken. His familiarity with the actions of billiard balls has enabled him to solve various impact problems in mechanics. In fact, he banks on his knowledge of English to disguise his citizenship in Weehawken.

If he keeps up his violin and engineering studies, some day he will become a mechanical engineer of note (⊙_⊙) He is at present working on the design of a new hat for the Fire Department of Weehawken. It consists of an ordinary hat with a clapper inside which when set into vibration hits against the head of the fireman emitting a volumious sound. This eliminates the necessity of a siren.



FRANK SCHOFIELD

"Frank"

Chemical Engineering

A. S. C. E.

After spending four years at Cooper, Frank is now our consulting engineer in Graphic Statics, and deserves an "extra special credit" for the help he has given us in this line. It was given with the best of "(in) tensions" and compressions.

It doesn't make a "particle of difference" how much homework is assigned—Frank always has it done. He has mastered the art of writing "lab" reports, and to him surveying is "nothing more or less" than plain arithmetic. In hydraulics, however, he seems to have lost his head; the subject is probably too dry.

Of all the men in our class who we think are going to become thorough engineers Frank stands about the best chance, and that in the final analysis is what we are all here for.

WILLIAM A. SCHREIBER

"Schreiber"

Electrical Engineering

A. I. E. E.

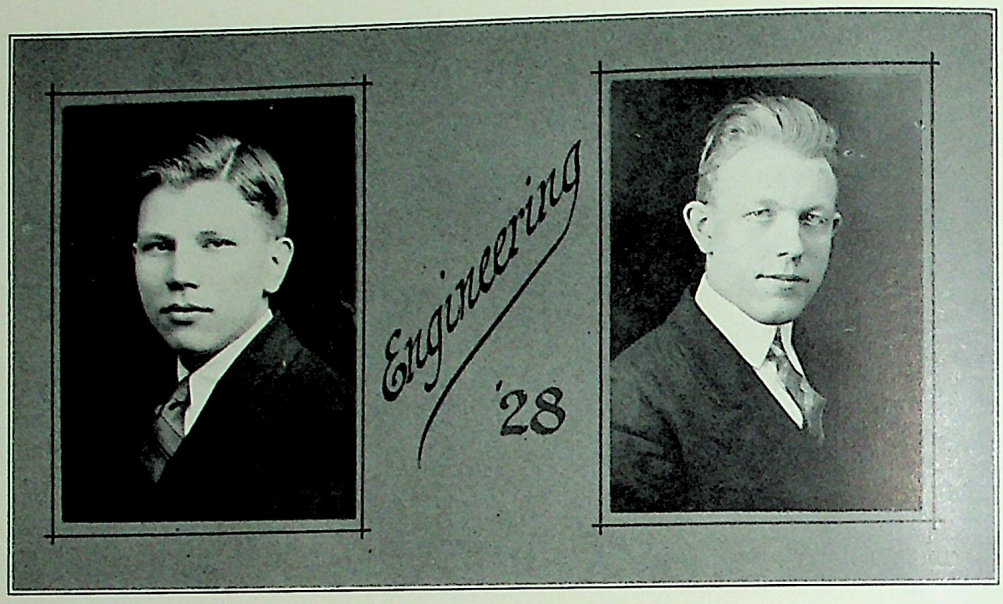
"Work, thy name is Schreiber."

Of all the conscientious students at Cooper (and there are plenty of them), we have as yet to find a more sincere plugger than Schreiber. Surely, were he put in a class of drone bees, they would hide their little faces for shame.

When our daily toil is done, and we are homeward bound, Schreiber is on his way to start "juggling" refrigerators."

He has an unsatiable curiosity—very prevalent among the weaker sex. He etvidently believes in the methods of Socrates—to acquire knowledge is to inquire for knowledge.

With this strong instinctive urge of curiosity it is surprising that Schreiber can keep away from trouble.



CHARLES SCHROEDER

"Charley"

Civil Engineering

A. S. C. E.

Charley is going to be a civil engineer. There is no doubt about it for he works beyond the required assignment! Anyone who does this is bound to succeed. Charley certainly is a studious boy, in fact every thought in or out of school is on his work. Why, I remember one night up at Schubert's Educational Center he remarked on the advisability of carrying a transit with him on all occasions. Surveying must have been preying on his mind. Some day we expect to have to paint a sign such as this:— "Charles Schroeder sat in this room full of chairs while studying at Cooper Union.

E. A. SCHWIND

"Schwindy"

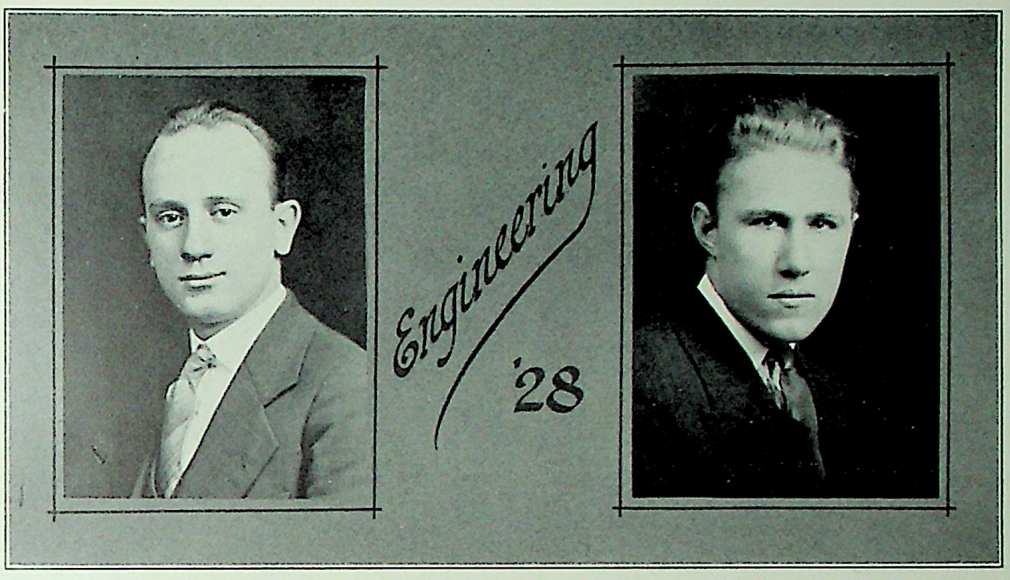
Mechanical Engineering

A. S. M. E.

From the foreign land of Brooklyn hails this loyal son of Cooper. Schwind, being a married man, had to settle down somewhere, and as he tells us, "Living in Brooklyn is a sort of tradition among the Schwinds."

Outside of designing new Buick cars, taking care of his family, and going to Cooper besides, Schwind has nothing to do. His arguments are his chief assets and for this reason he is well liked by his fellow students, for he 'kills' many an hour arguing assiduously with the Profs.

Schwind has the makings of a good engineer and no doubt some day he will put out a greater Buick that will be greater.



OSWALD SEGUSO

"Ossie"

Mechanical Engineering

Basketball Squad, '23; Varsity Basketball Team, '24; A. S. M. E.; Varsity Club.

"Ossie" comes from a family of Segusos. His father and grandfather have the same name.

"Ossie" is an active man about the school. Besides being an A-1 student he has been an athletic asset. His athletic achievements date back to nineteen twenty-two, and since then he has displayed remarkable prowess as a basketball player. He is one of the best forwards that ever represented Cooper on the floor, and was a star performer on the famous team of nineteen twenty-four.

His ambition is to become chief of the Tuckahoe Water Works which supplies the twenty-three inhabitants. Only one of his boyhood wishes has been realized. You see, when his mother used to comb his hair he wished the devil he didn't have any.

FRANK SEIDL

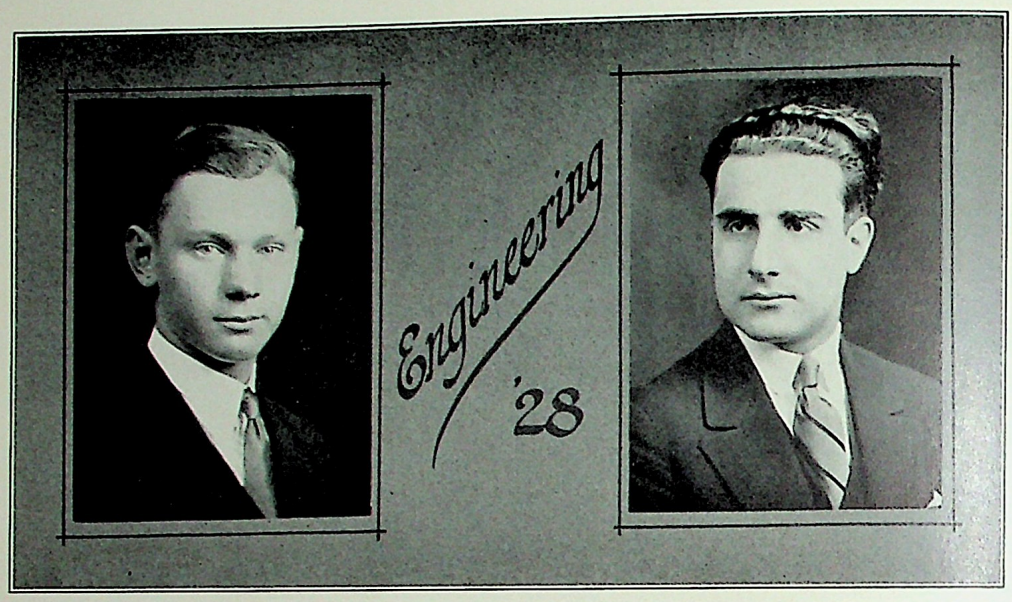
"Frank"

Mechanical Engineering

A. S. M. E.

Frank is one of those docile fellows, so subdued that we made an investigation. We found that he is a product of his environment. He hails from Middle Village, Long Island, otherwise known as Embalmvilleton. Middle Village has cemeteries on its north, south, east and west boundaries, and looks like a clearing house for tombstones. In fact, the majority of the inhabitants are below ground.

Seidl has made use of his quiet environment, using the graveyards as his study rooms. But as quiet as Frank is, he always manages to say something when a Prof pops a question at him. Occasionally, when he don't know what to say, he tells the Prof a ghost story. But then again he has been known to tell others, too.



STANLEY SOLONEWITZ

"Stan"

Civil Engineering

A. S. C. E.

"Stan" is one of the most genial chaps in our class, and when a jovial character is combined with a studious one, the combination is one that is rarely found. Unlike many others who are usually at the head of the class in studies, "Stan" seldom makes himself heard. However, he is sometimes guilty along with the rest of us in answering to Professor Diemel's rhetorical questions.

Those students who spend most of their time enjoying their nightly sojourn, find Stan a great help, for homework that can be read and is also correct, is not obtainable every day.

SYLVESTER SPITALERI

"Spit"

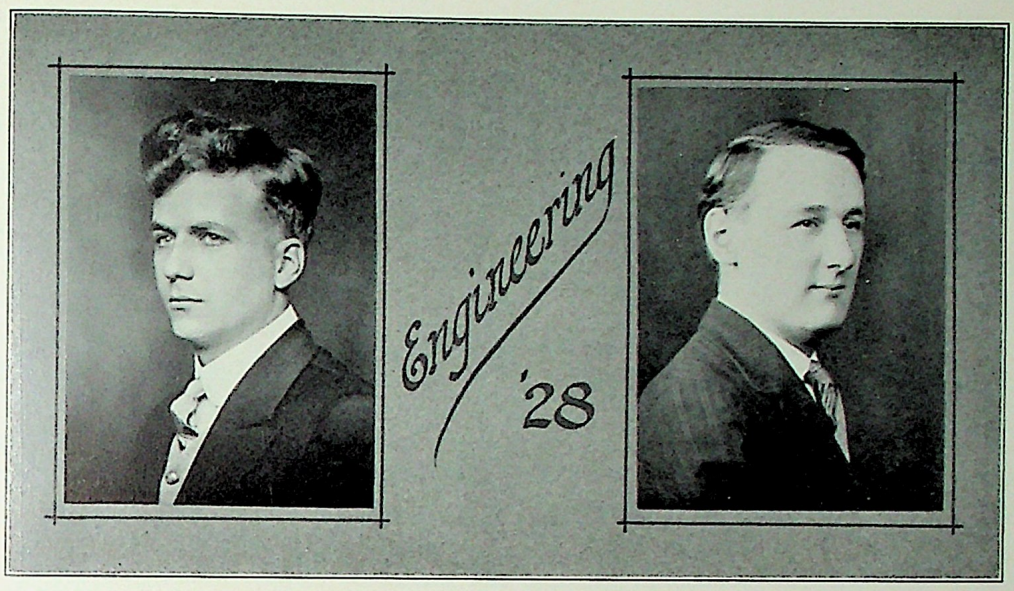
Ω Δ Φ

Electrical Engineering

Meet Astoria's leading and most important citizen, "Women cry for Him"; on that score there is at least one person who agrees with Sylvester and that is Sylvester. Get in line, girls, did you see him?—he puts Ramon Navarro in the shade. He is the outstanding specimen of Roman pulchritude. When it comes to doing justice to Italy's favorite dish—he wins the spaghetti tubing.

His heart is in accord with his physique—large, magnanimous. But of one thing we are positive—the maiden whose prayer he will answer will have to be a queen of the culinary art.

"Spit" at present "tickles some amperes" at the Western Electric Laboratories. That is for the present, but for the future who knows? At the rate he is going he is destined to become a luminary in the Hall of Flame—beg pardon, Hall of Fame.



ALFRED W. STONE

"Stony"

Electrical Engineering

A. I. E. E.; Class Vice-President, '26.

We all know how Alfred the Great, powerful as he was, found inspiration in a mere spider's persistence,—but, that has nothing to do with powerful Al Stone! We wonder what specie of genus Arachnida inspired our Al. (We never knew that a maiden could be classified in this category!..

To put things in a nutshell he is the Sampson of our class, and he evidently sports his Bryan haircut to lend prestige and dignity to the title.

Al is one of the star students of the class and is very deserving of this title. He certainly "knows his onions".

We cannot imagine what strong attractions there are in Union City; for no sooner does the gong sound its welcome peal of class adjournment, than Al is "all velocity" personified.

CHARLES SUTTER

"Charlie"

Ω Δ Φ

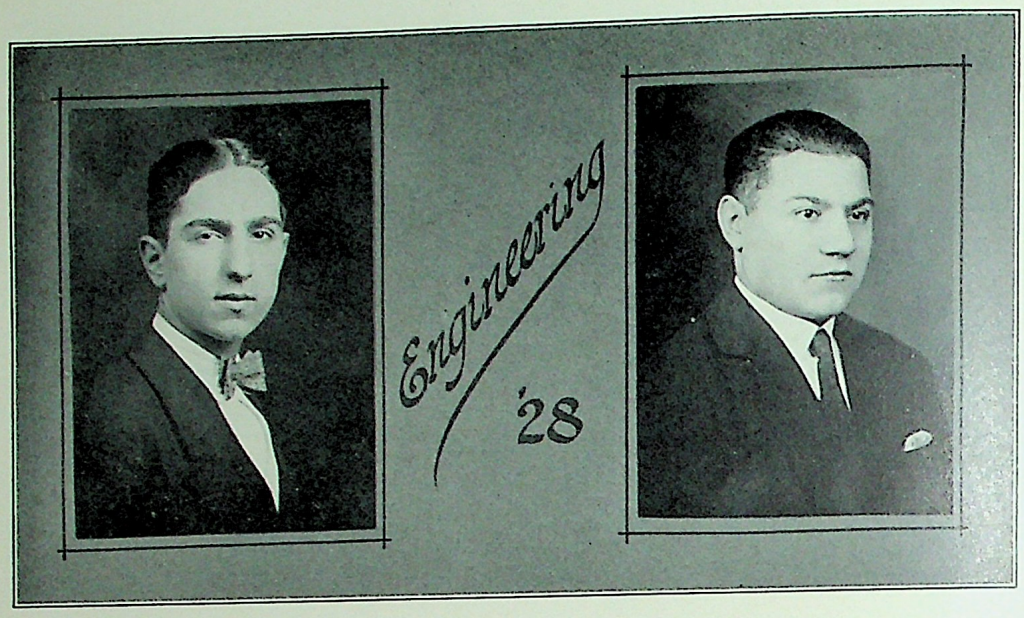
Chemical Engineering

Class Vice-Pres., '26; Ass't. Bus. Mgr. Pioneer, '26; Class Pres., '27; Business Mgr. Pioneer, '28; Students' Council Delegate, '27.

Charley resides in Union City, New Jersey, that picturesque hamlet on the outskirts of Hoboken. He handles Kirkman's Scouring Powder in Brooklyn in his firm determination to emulate his historic namesake who handled Gold Dust in California.

Charley was formerly employed in a bank and handled money in a financial atmosphere; why he forsook this promising career to handle Bunsen burners in an atmosphere of H2S is beyond our comprehension. He evidently came to Cooper Union to demonstrate that the Pioneer, by his judicial management, could be made to realize tremendous profit. That his sound economic and constructive principles are working wonders is evidenced by the facts that the price of the paper has been reduced to a nickel and that he sports a Dunhill!

Charley is also our Class President, a member of several student organizations, a good fellow and a good student.



PETER TORRACO

"Pete"

Mechanical Engineering

Physics Prize, '25; Entertainment Committee, '25, '26; Class Ex., '25, '26, '27; Interclass Basketball, '25, '26, '27; Junior Varsity Basketball, '26; Ass't. Mgr. Basketball, '27; Varsity Basketball, '27; A. S. M. E.; Pres. Elect A. O., '28.

The Oracle of Delphi had but one nemesis and he is "Pete." Ask him any formula in Physics, mechanics, or a problem in calc, and this unpretentious young lad (even though from Jersey City) will immediately enlighten you and cast into evanescent oblivion all your doubts and skepticisms.

We can think of no more energetic or vigorous worker than Pete. He is one of that class of youths who must employ every minute to an end. Whether it is A. O. tickets, or Prom tickets, or any campaign for the promulgation of his Alma Mater, we could always depend upon Pete to carry not only his own share, but also a few others of his class.

On the basketball court he also achieved fame by his hearty cooperation with his teammates. As a further appreciation of his intrinsic worth and ability, Pete was made basketball manager for the coming year. Pete will deserve all the success that comes his way for if, as a great man has said, "Genius is nine-tenths hard work", Pete is nine-tenths genius.

VINCENT A. TOSCANI

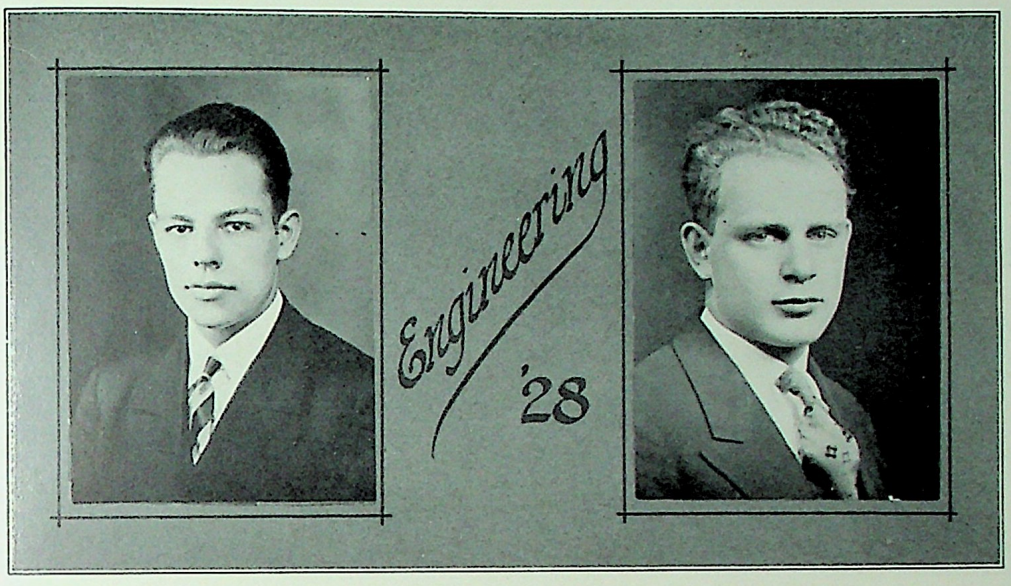
"Tusk"

Chemical Engineering

Class Vice-President, '27.

The photo due north portrays in no uncertain manner the benign countenance of a true disciple of Hoyle. His profound interest in all games from marbles to bridge makes his study of chemistry a matter of secondary importance. He spends most of his time at school in gazing passionately upon varied colored liquids, fumes, etc., while his partner is doing all the work. The team of Sutter and Toscani, incidently, constitutes the long and short of the class, and their conversations are necessarily heard all over the place. In spite of Toscani's adversity to hard work, they manage to set the pace for the rest of the class in the lab.

Toscani is a hound for designing radio sets that haul in DX, some of which make it possible for ladies and gentlemen of the radio audience to listen to five local stations simultaneously.



CARL A. VILL

"Carl"

ΩΔΦ

Civil Engineering

Class Treasurer, '25; Class Secretary, '26; Class President, '27; Staff Editor Cable, '27; A. S. C. E.; Ex Post Facto, '28; Secretary Elect A. O., '28.

Who is that fellow Lochinvar? "Ask Geraint," said Enid. And so the story goes that in spite of the fact that Carl deals so much in crude oil he really is refined. Unfortunately, Carl has ordered an extra copy of the Cable, and for that reason we dare not say what we would, except that Corl has the most lovely habit of never missing a Friday night phone call.

Carl, in spite of this, is the active boy in our class. Tall, dark and handsome—Quixote seek your laurels! For Carl has but to look and they come.

MAX WEINSTEIN

"Max"

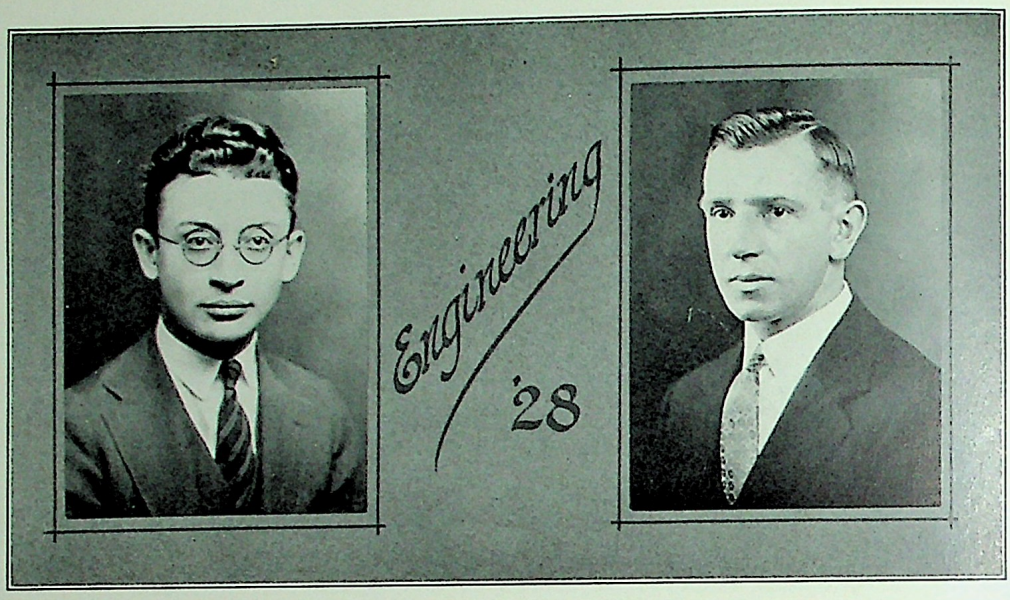
A. I. E. E.

In studies Max is a good student—very congenial sort, and always willing to help others.

With all the rumble and bustle in the D. C. lab his voice can be heard above the din. He is the outspoken member of his squad, and makes sure that he is heard, if not seen.

How he can live in Brooklyn and feel proud of it is beyond us—but since he is a very strong rooter for anything he has faith in, we can understand this weakness.

At the steady pace that he is now going, we earnestly believe that Mac will some day be an outstanding figure in engineering practice. Keep up the good work, Max, and here's Luck!



ALBERT WERTHEIMER

"Wertheimer"

Electrical Engineering

A. I. E. E.

From under the brilliant firmaments of the Bronx where King Sol is supposed to favor prosaic mortals below with radiant sunshine, health-bearing energy—as per alleged persuasive arguments of renting agencies—there came forth one with the conviction that the world was his to conquer. And take it by storm, he did. On the aggressive, he attacked his studies with a vengeance and results proved him victorious.

Capable of readily adapting himself to ideas and suggestions, he is clever, and consumes knowledge as nonchalantly and easily as eating pie.

To all appearances, Albert seems to be minus vices, all but one. Our accusation is that he is over-indulgent in the effeminate pastime of smoking—his girl friend evidently is Lady Nicotine. But, as they say—there's a little bit of naughtiness in every good little boy!

HAROLD D. WETMORE

"Harold"

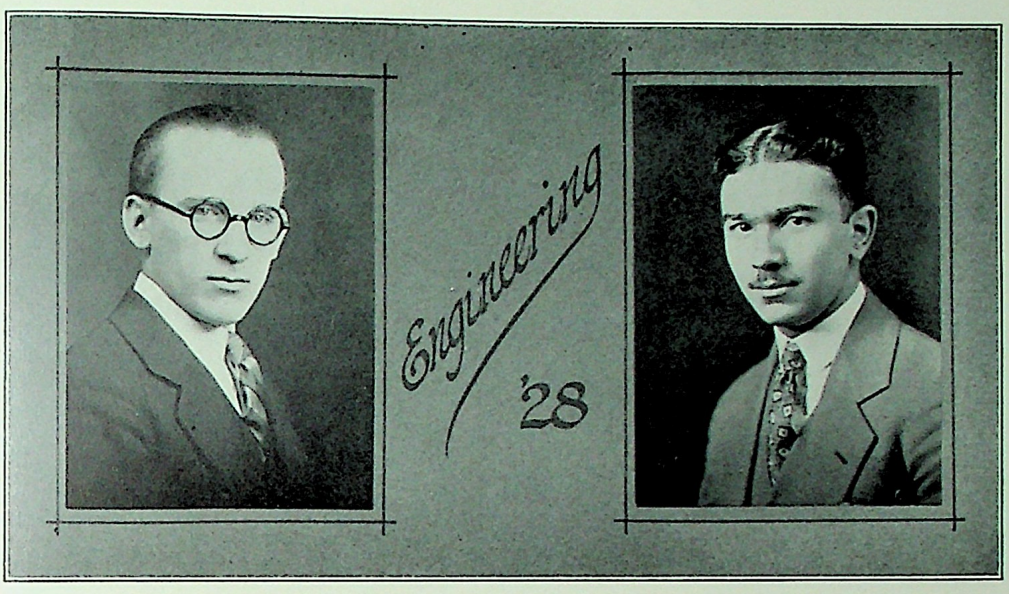
Electrical Engineering

A. I. E. E.

Harold is a worker, a real plugger. Who said there is no such animal as "perpetual motion"? He is ever aware of the good old reliable adage: "Business before Pleasure", and has often brought this to our attention in his big-brotherly way.

He is a quiet chap, unassuming, but sure can "bring home the bacon." He earns his bacon at a well-known power house in the Bronx where he has started many a live-wire on its way.

It is often noted that there are deep furrows on Harold's intellectual brow—intellectual frowns—we surmise that they are probably caused by his attempts of escape from Cupid's bow. Here's Luck, Harold—but you're a sure loser, she'll get you yet!



NILES G. WILLEN

"Willen"

Electrical Engineering

A. I. E. E. Associate

Literally speaking, and according to Webster, "NIL" means "nothing". But to apply this meaning to the character, personality, and knowledge of Nils G. Willen is the pinnacle of foolishness. His pleasing smile radiates that "something" which breeds good fellowship, and his congeniality makes him one of the best liked students in the class.

Regardless, in spite of, and in view of the fact that Willen has joined the ranks of the benedicts, nevertheless, he is one of the Seven Wonders who can do two things at the same time and do them both well, viz., govern his spouse (??) and govern his armature windings!

Besides being a good student in subjects taught, he wields a wicked brush for art (??). Of course, he makes certain that the Profs are not within peeping distance.

At present he is the star prime mover of inefficient generators at the Croker-Wheeler plant. A wonderful future awaits him!

AARON WINOGRAD

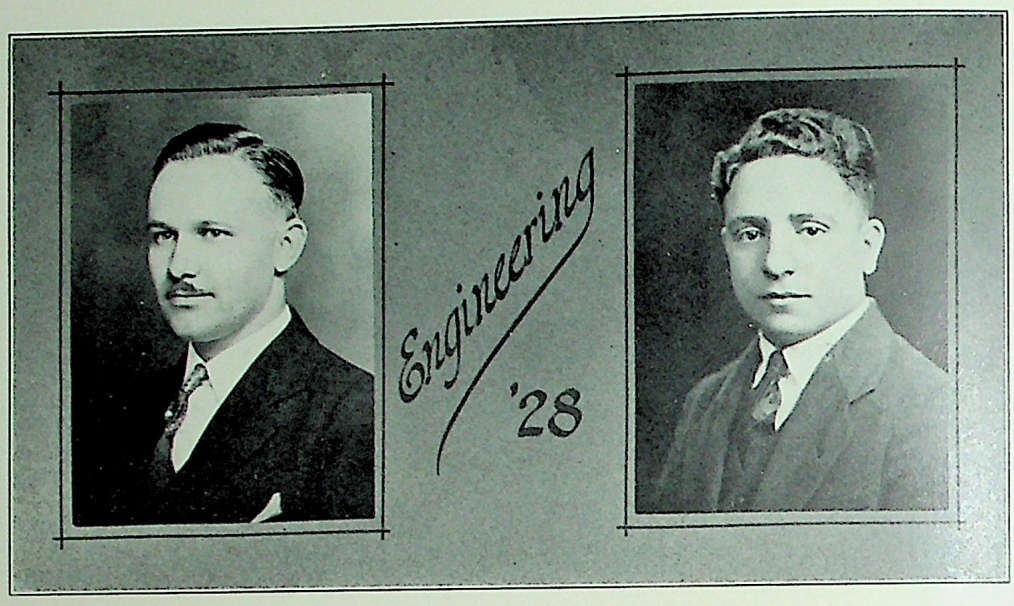
"Winny"

Chemical Engineering

Junior Prom Committee.

Winograd (habitat Bronx) is the class authority on "what the well dressed man will wear", and certainly practices what he preaches. Not one of us has had the courage, however, to follow his example by cultivating a microscopic mustache.

Working in conjunction with "Doc" Armbrust, he manages to keep abreast with the rest of the boys in the lab. We say, without hesitation, that were his partner a chess fiend also, they would accomplish very little. Winny is a left handed chess player, and pushes a wicked pawn. He has won more queens than anyone who glided over the parquetry at a Junior Prom. This achievement, whether it means anything or not, is not so notable as that of acquiring that mastery of technique whereby he is honored by preparing accurately standardized solutions for the Prof.



JOSEPH E. WOODS

"Woods"

Chemical Engineering

This gent evidently abandoned the brush and palette for the test tube. His lab note book is a masterpiece so far as artistic penmanship and elaborate diagrams are concerned. The Prof. at all times, tries to improve an his good work by scribbling the word "Report" in vidid red ink on some of the best pages.

Woods is such a cheerful and genial fellow that the rest of the class could hardly believe that he was married. But, girls, he is, and moreover, impresses us as being a model hubby by the deft manner in which he massages his glassware.

Sometime back, Woods worked around machine guns and poison gases for Uncle Sam, and we venture to state that if his military record is as good as his scholastic, the heap of gold obtained from his medallions would make King Midas' hoard look like small change in comparison.

We look forward to the time when Woods will elucidate the benefits (if any), which accrue from residing in the Bronx (ahem)!

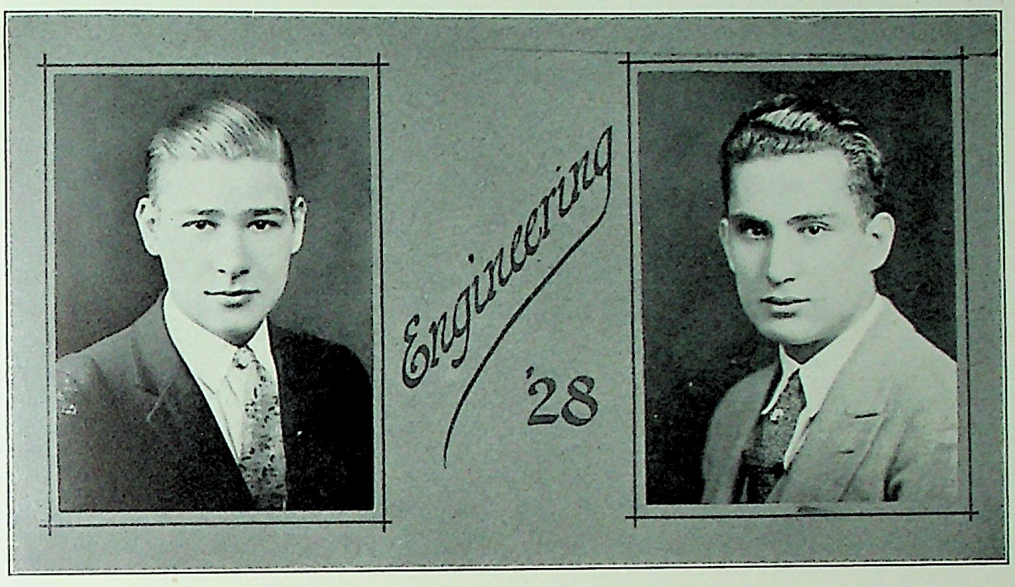
MICHAEL ALBANESE

"Mike"

Tech.—M. E.

A. S. M. E.

Short and sweet—that's Mike. They say that good things come in small packages, incidentally so does poison. Mike has one advantage over the rest of us, though, he's harder to find in a quizz period. Ah, but what Mr. Albanese lacks in size he makes up in brains because he sure does know his "onions". We are sure that some day Mike will be a great Mechanical Engineer and this old world will look up to him just as he now looks up to it. Who can tell maybe he may own his own barber shop. Some people often express the wish that they would never grow up. This is one thing that Mike Albanese doesn't have to wish for.



ARENDT J. ARNHOLS

"Arnhols"

Tech.—E. E.

A. I. E. E.

Arnhols is one of those quiet fellows; if there were more of them the world would be a more peaceful place to live in. At Cooper they are the kind who attend classes, go home and study, just eat, sleep and work, and before you know it they are Juniors with full prospects of graduating. This may not be conducive to increased student activities, and extra-curricula duties, but it seems to be a pretty sure way to get through.

Arnhols is one of those who seem bashful, but who knows? They say 'Still waters run deep' and there may be something over in West New York which accounts for his desire to hurry home every evening.

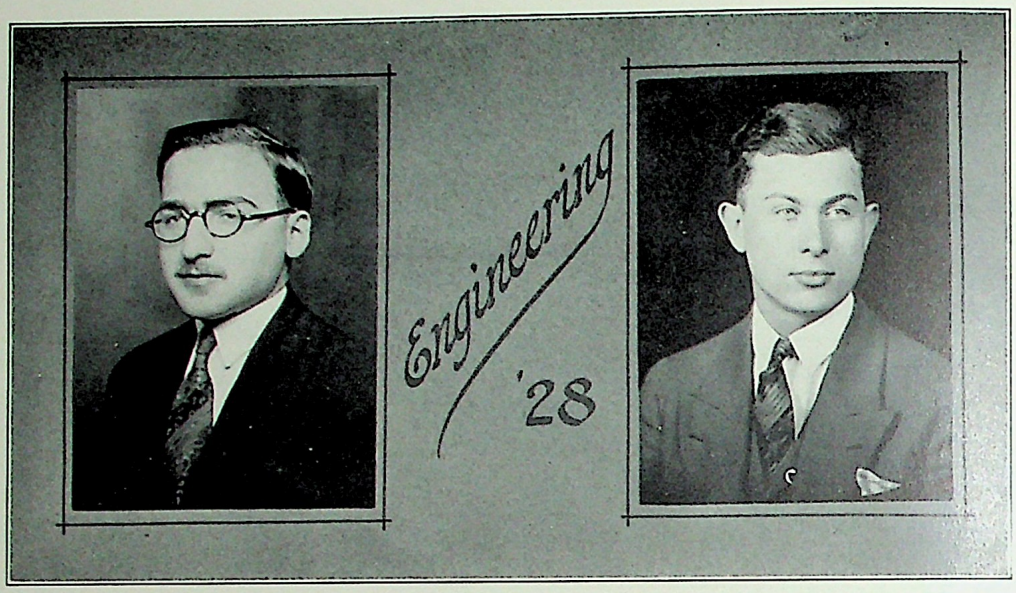
N. BALDANZA

"Nick"

Tech.—E. E.

Rifle Club; Student Branch A. I. E. E.

Nick has that pleasing personality that makes him liked wherever he goes; that little something that makes everybody want to know him and speak to him. Why even when he walks across the street to the Hewitt Building in between classes, he is often stopped by some one of those gentlemen, who ask him for the price of a bowl of soup, or want to tell their life's story. Of course, he is deeply touched with their story and gives them a dollar or so! Well, keep up the good work, Nick, the worst is yet to come, and remember the old saying, "No matter how deep the ocean is, you can always break a window with a hammer."



ALBERT BERKOWITZ

"Berk"

Tech.—Ch. E.

Vice-Pres. Chem. Club, '25; Treas. '26; Pres., '27; Scholarship, '25, '26, '27; Chem. Club Award, '25; Tech. C. U. S. C., '26, '27; Math. Club, '25, '27; Class Sect'y., '27; A. A. Rep., '26, '27.

Berk is the only unfortunate man in the Tech Junior Class, yes, he is the only "Chemist" we have in our midst. Too bad, but it can't be helped.

Two years ago Berk got the bug into his noodle that he was a man. To announce this to the world he started to cultivate a shady upper lip. After two months some observant individual with a high power microscope noticed the soup-strainer. Everyone wanted to see how the apuendage worked, but Berk would not oblige with a demonstration.

It has now come to light why Berk was never present at the numerous Tech Shaving Parties. We believe that he is jealous of his hairs, yes, both of them, on the upper lip.

EPHRAIM BLOOM

"Bloom"

Tech.—C. E.

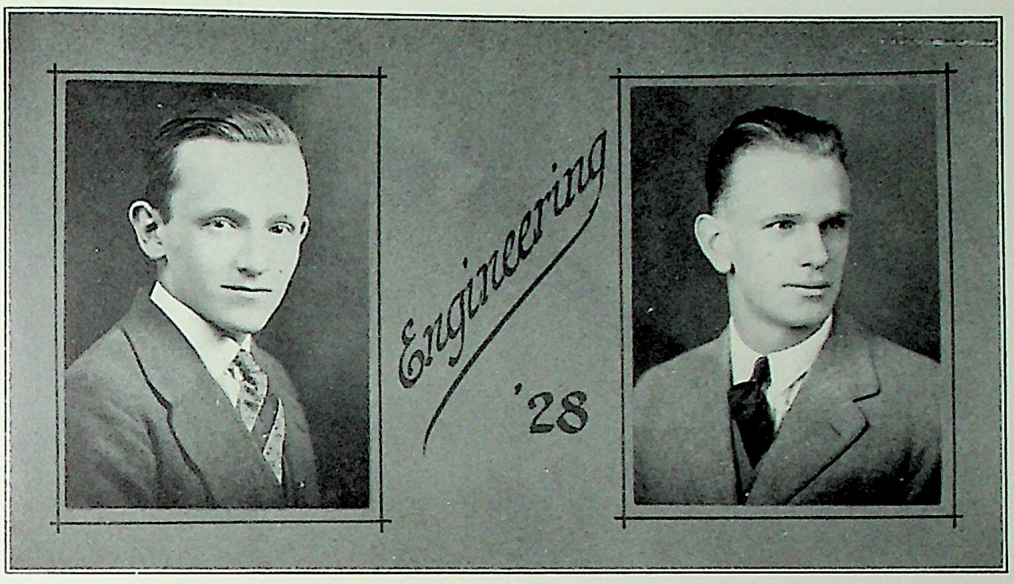
Rifle Club; Chess Club; A. S. C. E.

Ephraim comes from Plainfield, which the more advanced geographers locate in the wilds of Jersey.

Each week-day morning he makes his pilgrimage to these halls of learning, then after six hours of exposure to knowledge he returns the way he came, trusting in God the increase of his wisdom.

Despite his name "Bloom" is no gentle violet, but rather a lily of the field, one of nature's noblemen. Always with a willing hand and a ready smile, he is the friend of all who know him. Unfortunately, as with all of us, his acquaintance is limited.

Bloom is taking Civil Engineering.



WALTER S. BOLLES

"Bolles"

Tech.—E. E.

A. I. E. E.

With his matchless intellect Bolles positively bowls one over. But in spite of his learning it is one of the Seven Wonders of Cooper that he is still with us, for Bolles has the unhappy knack of always being the first to discover mistakes in Professional Demonstrations, and worse than this, he insists upon their correction. But the fact that he is the last to make mistakes himself may account for his surviving thus far.

Bolles is one member of that famous group of Cooper students who live on the Island—no, not Welfare—Staten Island. Each morning they may be seen on their way to school grouped on the upper deck of the ferryboat near the rail giving the good old "Cooper-Garax."

CHARLES D. BROWN

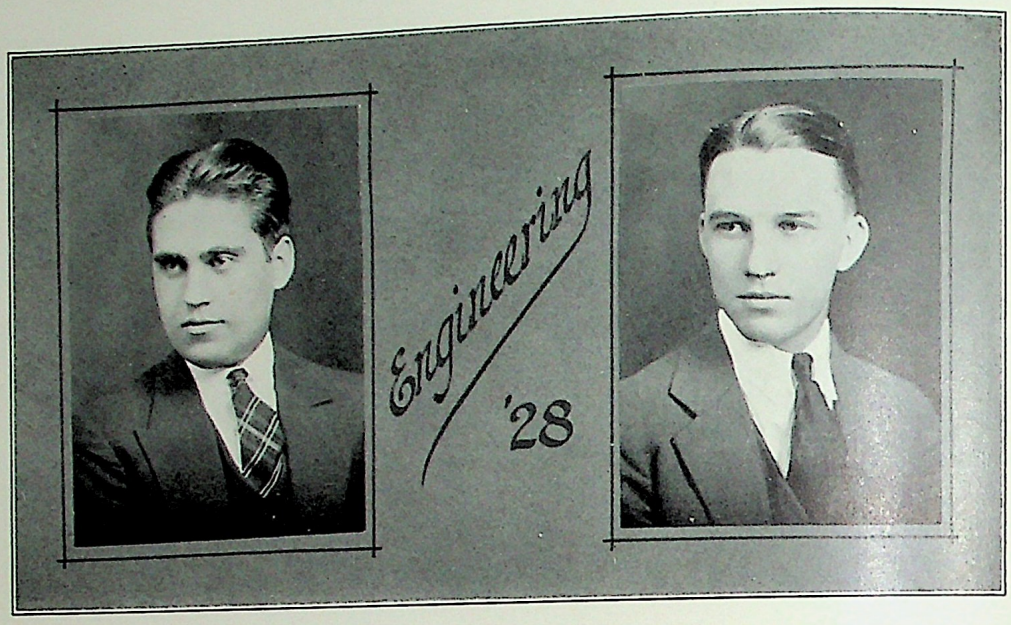
"C. D." "Stretch"

Tech.—C. E.

Tech C. U. S. C., '26; Interclass Basketball, '26; A. S. C. E.

"C. D.," the infant of the class creates a great disturbance when he goes under the Third Avenue Elevated. For a safe passage under said structure, "C. D." has to drop on his hands and knees and crawl like the slippery eel that he is. The circumstances is that "Stretch" sips his coffee 74 inches above the common datum plane.

"Stretch" and "Wee Georgie" Colvin make a perfect team when the class is out surveying Long Island Wilderness. When the debris gets more than four feet deep "Stretch" comes to Georgie's aid by giving him a pig-a-back. "C. D." may benefit by taking the Civil Course, as it may lower his "high" hat.



CARMINE CARUSO

"Caruse"

Tech.—E. E.

Math Club; A. I. E. E.

In form "Caruse" resembles, or on a smaller scale, his famous namesake, but not in his voice, for our "Caruse" is a very quiet boy. He seldom uses his voice, but when he does it is quite noisy.

You never see "Caruse" without a smile, or what might better be called a grin. But it is usually but a camouflage. The smile keeps one from running away while "Caruse" argues his side of some momentous question.

But "Caruse" is good in his studies, he gets very good marks, and some day he may make a good engineer—on the Lehigh Valley.

GEORGE F. COLVIN

"George"

ΛΣΚ

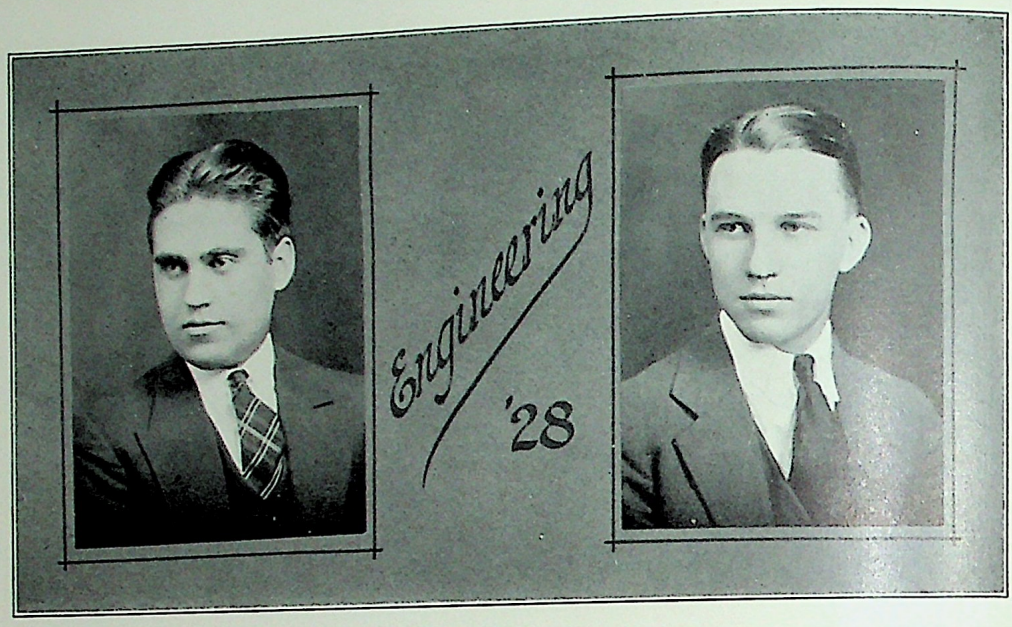
Tech.—C. E.

Tech C. U. S. C., '25; Rec. Sec'y, '26; Vice-Pres., '27; Tech Basketball, '25, '26, '27; Class Pres., '25, '26, '27; Mechanics Medal, '26; Scholarship, '26, '27; Rec. Sec'y A. A., '27; Pioneer, '26; A. S. C. E.

"George" heard of Cooper when he was way out in Montana, so he came to New York to find out if it was as good as he'd heard.

Immediately taking lead in student activities as well as in scholarship he won the friendship of all who knew him. Always going well whatever he undertakes, and undertaking a great deal, he has continued, even extended, his activities. His ability to carry anything he starts through to the bitter end has won him a reputation for dependability, which is but one of the qualifications which has made him Class President every year.

But all this doesn't mean there isn't a lot of dirt which could also be told.



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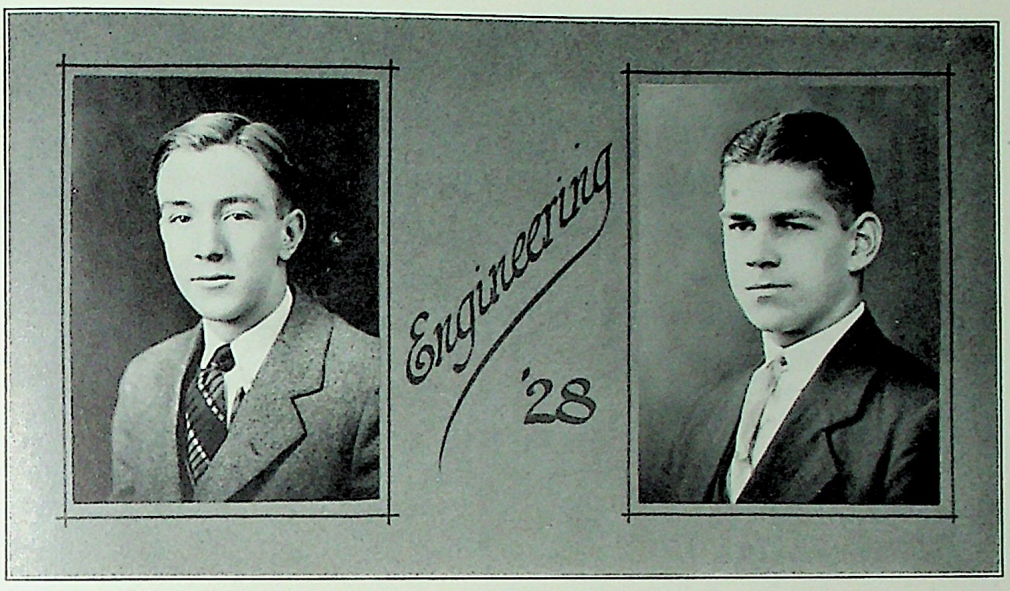


LOREN DE LANTY

"Loren"

Tech.—E. E.

Del. Student Council, '26; Var. Baseball, '26; Executive Officer Junior Class; Asst. Mgr. Baseball, '27; A. I. E. E.; Pioneer, '27; Rifle Club.

Loren is usually known by his classmates as "De," among other things which have been censored and are here excluded. "De" sure is one good fellow and we might venture to say that he hasn't an enemy in the world outside of the whole Junior Class. Loren's favorite pastime is blowing out fuses in the dynamo laboratory. Guess he likes to watch the fireworks—the bigger they some the better he likes it. Loren can always be recognized by the way he wears his hat. Not like some people over one ear, nor like others, over both ears, but right on the top of his head covering about one square inch in area.

PETER DOUGLAS

"Pete"

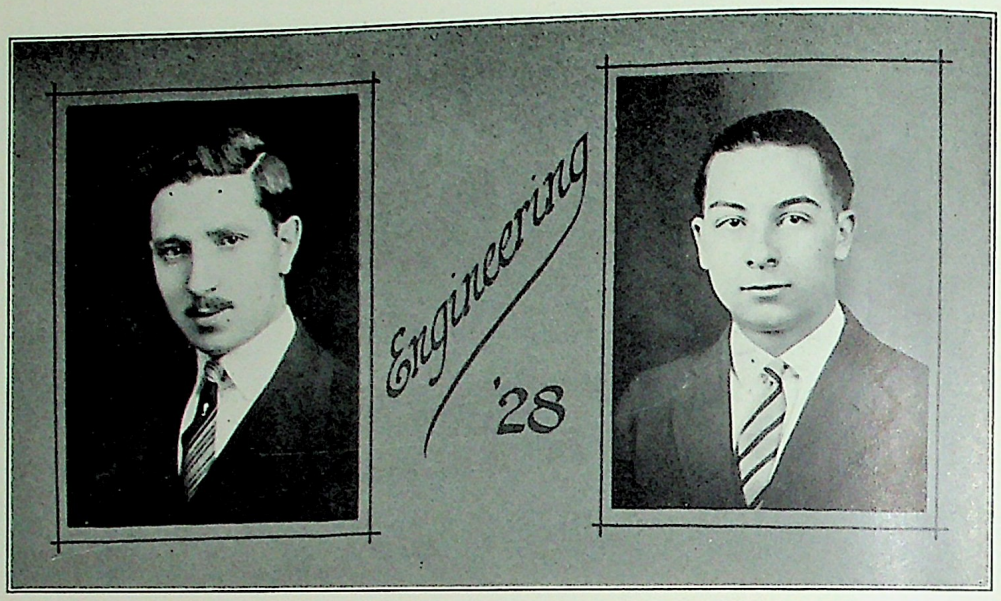
Tech.—M. E.

Math. Prize, '25; Scholarship, '26, '27; Secretary A. S. M. E., '27; Tech C. U. S. C., '27; Exec. Off. Junior Class, '27.

By capturing the Math prize in his first year at Cooper, "Pete" proved himself a Math shark, in his second year he showed distinct signs of becoming a grind, but in his Junior, just when the last hope was being given up he was elected Secretary of the A. S. M. E. Student Branch.

What a change! "Pete" has fallen for the "wimmen." Wherever he is, in class meetings, in the halls, when writing to the A. S. M. E., or at class dinner, "Pete" has become a "ladies man."

But even worse than this, "Pete" has recently displayed symptoms of containing the makings of a good Mechanical Engineer.



GEORGE DURFEE

"George" "Durf"

Tech.—M. E.

Day Circ. Mgr., Pioneer, '25; Managing Editor, '26; Tech C. U. S. C., '25, '26; Asst. Mgr. Basketball, '27; A. A. Rep., '26; Class Treasurer, '27; A. S. M. E.; Rifle Club.

"George" is the original inspiration for that famous phrase "Let George do it" as well as the one not so well known, "Come in out of the rain, George, there's lot's of room in the vestibule."

Big-hearted George is always getting stuck with something, whether it is job of Treasurer, A. A., Cable, or Pioneer Rep. He has the gift of parting the innocent students from their filthy lucre which wins the hearts of the student activities. He has even been stuck with a girl from Staten Island, while he lives in the Bronx.

We might also mention that George is one of the reasons that seats and elevated cars are designed with a good margin of safety.

GEORGE L. GINEXI

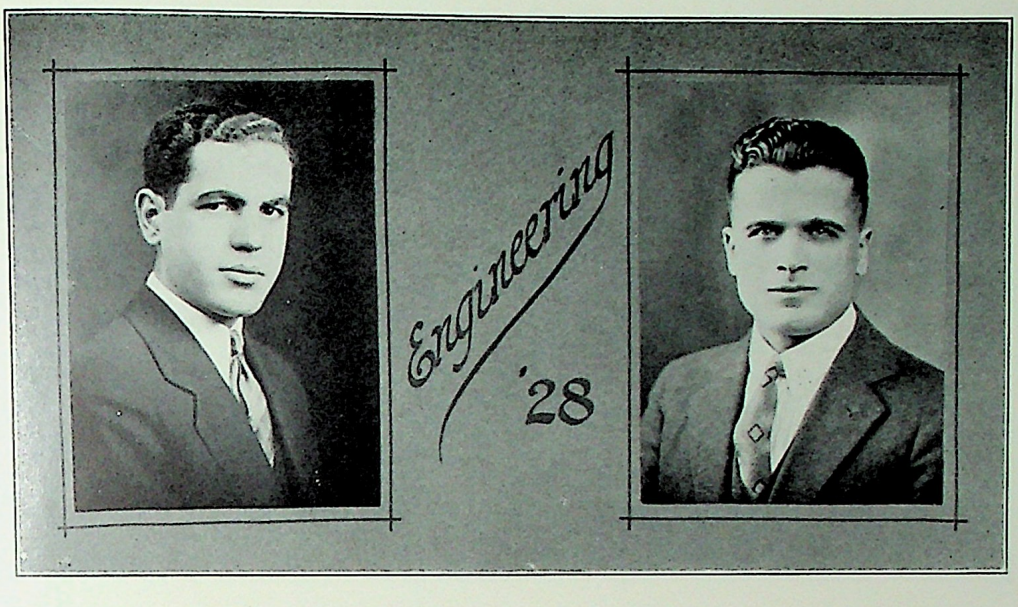
"Ginexi"

Tech.—E. E.

Scholarships, '26, '27; A. I. E. E.

Ginexi is another of Jersey's favorite sons, having as his habitat Passaic, the home of strikes as well as "Reds." Not that George is a Red or a striker, for he most decidedly is not. However, he keeps well within his shell and lets of the rest of the world pass by unconcerned.

Ginexi is out of his domain while he remains at Cooper persuing his course of studies. At 9.30 A. M. five days in the week a pair of vivid grey spats come sauntering across the school campus, upon closer examination it can be seen that Ginexi has poured himself into these spats. Take 'em off, Brother.



DAVID LEVINE

"Dave"

Tech.—E. E.

A. I. E. E.; Math Club.

Dave is an unknown quantity. It is for this reason, if for no other, that he is graded "X." He is always to be seen slouching around in the back-ground, especially if there is work to be done. In fact, Dave is an honorary member in that world famous fraternity, the I. W. W.

In this respect he is on a par basis with the honorable Cooper "Alumni" who may be seen lounging about on the campus at any and all times. However, some very far-sighted person once said that Dave would, some day, become an Engineer. He might possibly make a consulting engineer where he has the privilege of consulting those who know.

STAVROS LIACOS

"Liacos"

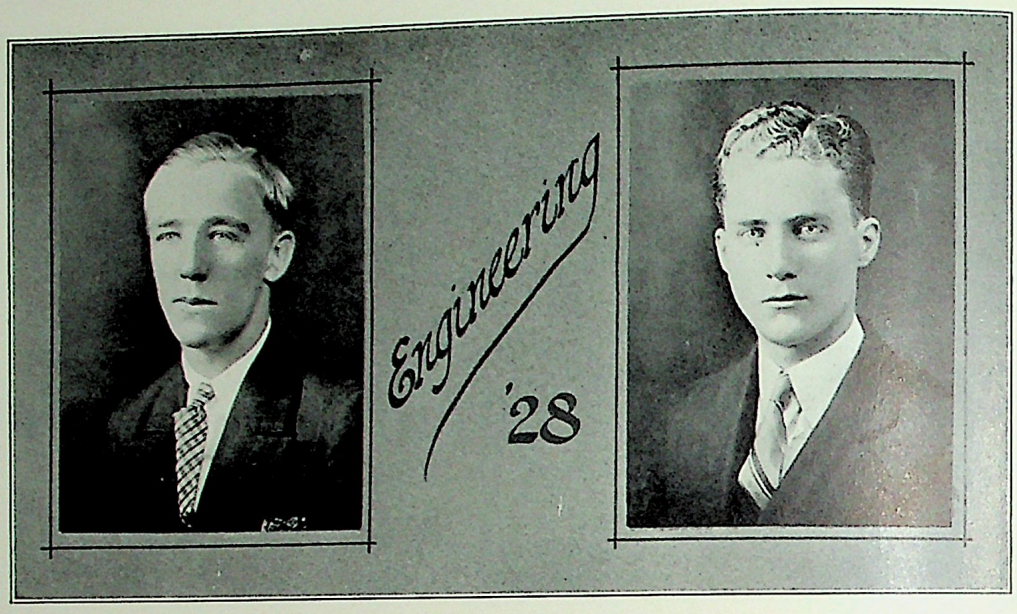
Tech.—E. E.

A. I. E. E.

Liacos comes to Cooper Union occasionally. Whenever his outside work is not pressing too hard he comes down to see if the Faculty is running the school to perfection. What his opinions are is hard to tell, because he very seldom betrays his thoughts —if any.

On Monday morning along about 10.30 A. M. the door to the Graphic Static Room opens and everyone looks, expecting to see the cat come back. In stalks Liacos, radiating confidence to the surrounding atmosphere, until he is asked to account for his tardiness.

In Heat and Thermo, Liacos once tried to tell Dean Hartmann that he didn't know his stuff so well. This is another occasion when friend Liacos lost his radiating confidence.



OTTO LINDGREN

"Otto"

Tech.—M. E.

Pioneer, '26, '27; Tech C. U. S. C., '27; A. S. M. E.; Rifle Club.

"Otto" is the "Toreador" of the Junior Class; he's always throwing the bull. With his ready supply of wit, sarcasm, and stories (his own special variety), he is constantly scattering sunshine amid the darker portions of our halls. But "Otto" is really wasting his time at Cooper, his engineering vocabulary is already more than complete.

Among his good points are his chivalry (Noticed in a B. M. T. car at 5.00 P. M.), his taste for cigarettes (somebody else's), and his love for children (about fifteen).

JOHN MEEHAN

"Jack"

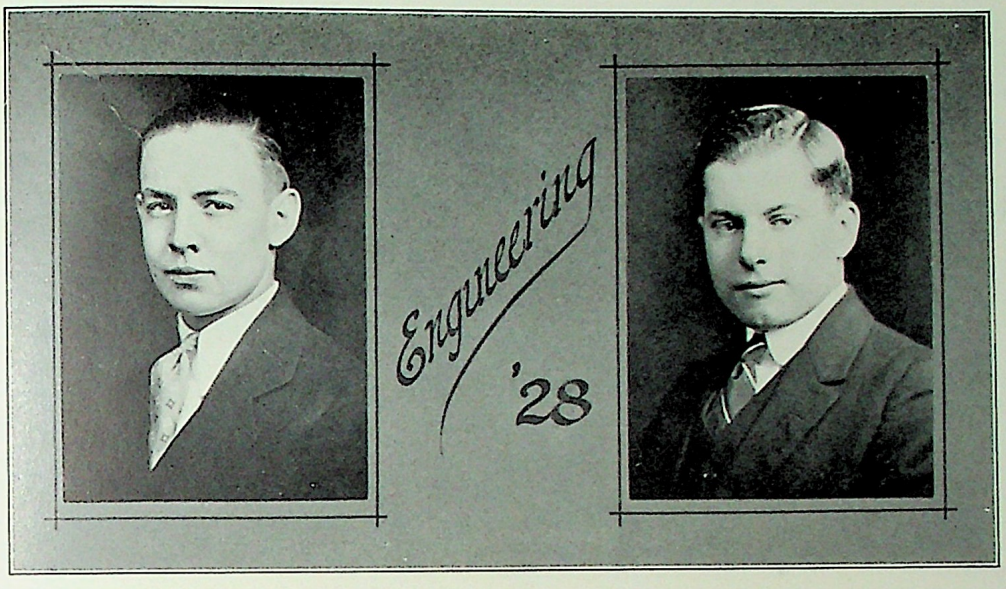
Tech.—E. E.

Tech C. U. S. C., '27; Ex. Off. Junior Class, '27; Math Club; A. I. E. E.; Rifle Club.

"Jack" came to Cooper to study Electrical Engineering so that when he graduates he can start in selling appliances on the house-to-house plan of the Queens Electric Light and Power Company. "Jack" commutes to Cooper—he's from Missouri.

In his first year he persuaded Miss Zachos that he had written his essay on "Love-Life in South Africa" all by himself, but when a Sophomore he convinced Mr. Broadgate that he (Mr. Broadgate) had made a mistake, and this year, on the Junior Prom Committee he talked the Hotel Ansonia out of thirty dollars on their ballroom figure.

If "Jack" doesn't make good in his "calling" it won't be because he can't talk.



QUENTIN PETERS

"Pete"

Tech.—E. E.

A. I. E. E.

"Pete" is very popular with the members of his E. E. section, due to his good-natured attitude toward everyone. He has a smile for everyone and is always willing to help the other fellow—out the door.

"Pete" is also very popular with the ladies. His winning smile and pleasant manner carries him a long way.

But his long suit is his ability in Hydraulics. "Pete" is a regular Hydraulics shark. He laps it up. Peters also promises to become a future Steinmetz from all indications in the D. C. class.

"Pete" is another of the quiet boys, but unlike many he is quiet not because he has nothing to say, but because so many others who have nothing to say are so eloquent in saying it, give him no opportunity.

EDGAR T. REYNOLDS

"Ed"

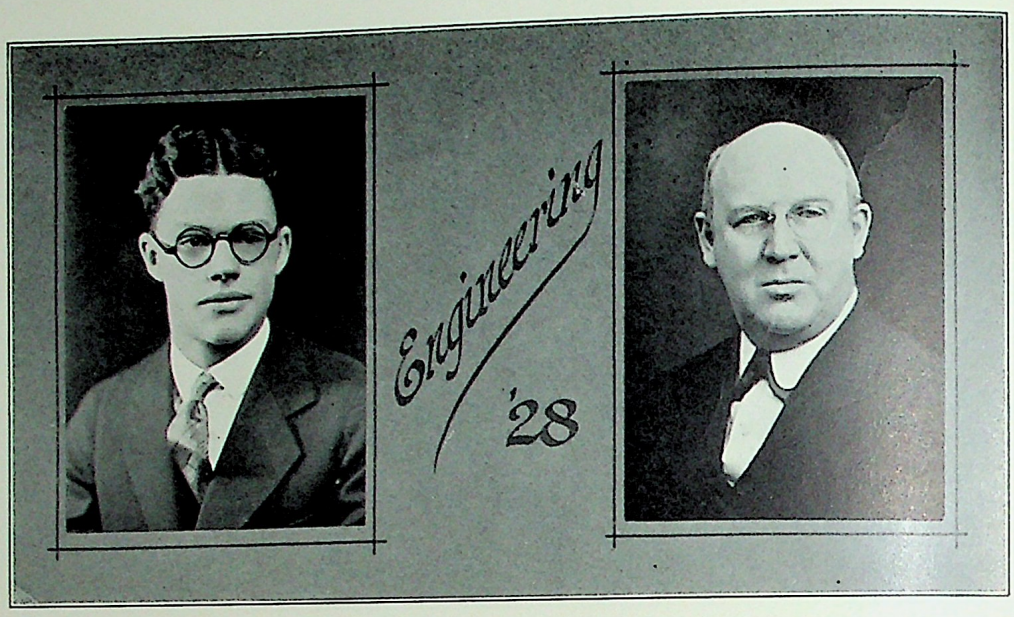
Σ A Π

Tech.—M. E.

Pioneer Staff, '26, '27; Class Treasurer, '25, '26; Chairman, Thanksgiving Entertainment Committee, '26; Junior Prom Committee, '27; Tech Editor, Cable, '27; Secretary A. I. E. E., '27; Student Council, '26, '27; Scholarship, '25, '26, '27; Rifle Club Vice-Pres., '27; Ex Post Facto, '28.

Cast your eys, dear children, upon the facial profile of one Ed. Reynolds. He is hailed as the hard working underdog of the Tech. If he ever shirked a job, nobody we know, has knowledge of same. Undoubtedly, he is one of the hardest working men of the year in the Tech.

Ed may be seen gently, but firmly, tripping down from the Third Avenue "L" any Monday morning, tee square in one hand, books in the other. He is always rounding up some delinquent subscriber to what have you. Every time you encounter Ed in the hall, he shouts, "How about the money for such and such," or words to that effect.



EDWARD F. STAVER

"Ed"

Tech.—M. E.

Scholarship, '25, '26, '27; Pioneer Make-up Editor, '25; Editor-in-Chief, '26, '27; Class Vice-Pres. '26; A. S. M. E.

We have with us, Mr. Ed. Staver. Ed Staver is editor of the Pioneer and a very promising young editor he is. With his natural talent for newspaper work, we have little doubt as to whether he may some day become editor-in-chief of some great newspaper for intellectuals, such as the Graphic or Mirror.

Ed is of the quiet and modest type, possessed with much native wit and sarcastic socks (not the kind you wear). This brings forth the old adage about 'Still water running deep—and dirty.'

Mr. Staver can impersonate the girls in the Day Art School very well, as those who were present at the Thanksgiving entertainment well know, but when in their presence his blushing is beautiful. We can't tell whether this is due to modesty or increased temperature yet nothing surprises us.

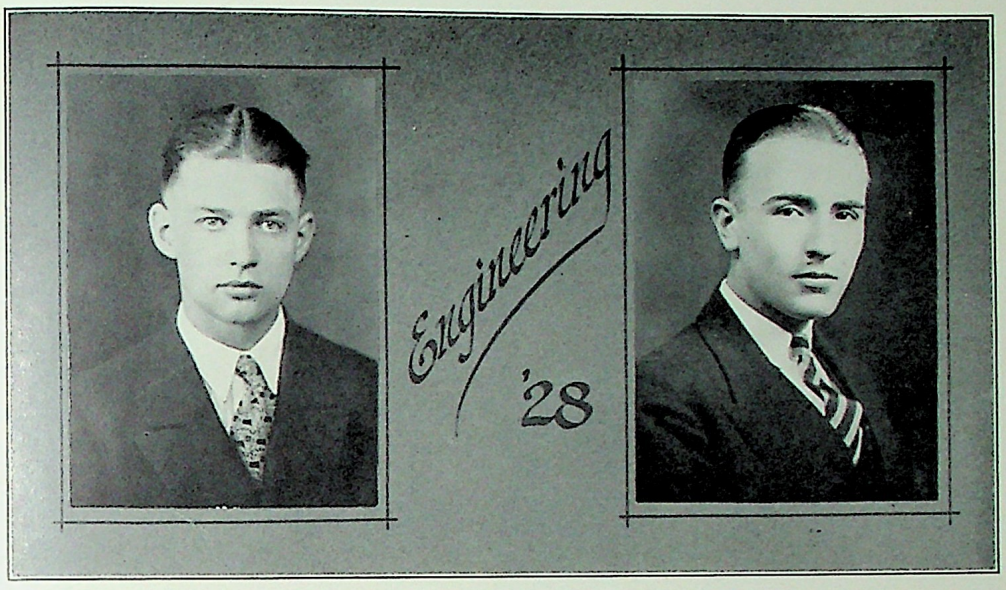
MARVIN TANNENBAUM

"Tannenbaum"

Tech.—E. E.

Sec. and Treas. Chem. Club; Student Branch A. I. E. E.; Conductor Day Tech Orchestra.

"Oh! Tannenbaum, oh! Tannenbaum, etc." It's very easy to remember Tannenbaum's name. All you need do is think of a Christmas tree with its pine needles and you recall Tannenbaum with the little misplaced eyebrow. Marvin's talents are not confined to one thing alone. He is conductor of the Day Tech. Orchestra, and how! He sure is some conductor. There isn't a fellow who can get away with a tin note when Marvin's around. This musical Electrical Engineer may some day rival Vincent Lopez with a new electrified or shocking jazz band.



WILLIAM VANDERHOUT

"Van"

Tech.—C. E.

Scholarship, '26, '27; Pioneer, '26; Make-up Editor, '27; Tech Cable Circ. Mgr., '27; Vice-Pres. of Class, '27; Chairman Junior Prom Committee, '27; Tech C. U. S. C., '27; Secretary Student Branch A. S. C. E., '27; Rifle Club; Ex Post Facto.

If "Van" had a middle name it would be "Efficiency." When presented with a problem if he knows what to do he does it without any fuss; if he doesn't know he finds out. You can rely on "Van" always doing the right thing.

Despite residing among so many beautiful girls, in Queens Village, "Van" has one of the purest minds in Cooper, which, of course, makes it white as snow—the kind under the Third Avenue "L" a week after the storm.

But, seriously speaking, "Van" has that rare ability of rising above details, that ability to look straight to the heart of a problem, which should carry him far.

HARVEY W. WOOD

"Harvey"

Tech.—E. E.

Tech Basketball, '26, '27; Day Circ. Mgr. Pioneer, '26, '27; Vice-Pres. A. A., '27; Interclass Basketball, '26, '27; Rifle Club.

Harvey, gentle reader, is often referred to as the Mayor of Croton-on-the-Hudson. Daily he makes his pilgrimage to Cooper via the early milk train on the New York Central.

Harvey is always quiet; in fact too quiet to be comfortable. Maybe he feels out of place when he is stranded at Cooper so far from his happy hunting grounds. However, quiet as is his nature, the knack of accomplishing things belongs to Harvey. For the past two years he has taken the role of the "Headless Horseman" of the Tech Quintet. For such services, he has received a major "C" as his remuneration. But it can never be said of Harvey that he talks through his hat.

Architectural Class, 1928

President
T. GERALD MCLAUGHLIN

Vice-President
ARTHUR THIEL

Secretary
DOUGLAS F. THOMPSON

Treasurer
GEORGE S. NAPOLI

AT this, the end of our third year at Cooper Union, we can look back at the preceding years with a great deal of satisfaction and a great many pleasant reminiscences. Our association with our instructors has been indeed pleasant. As the students of yore gathered at the sides of Aristotle and Plato to partake of their wisdom and foresight, so have we done, and profited greatly thereby.

There has sprung up among the members of the Class, a fraternal feeling, which, from all indications, will wax stronger as time goes by. We have all made friends. Real friends are few and far between, so cherish them while you have them. Each is like so much gold, only infinitely more precious, placed in our hands, not to cast away but to treasure more highly than the baser things of this life.

The "Class" owes boundless thanks to Mr. Miller, the head of the Architectural School, for his encouraging and helpful spirit of friendliness toward the Class, as individuals and as a whole.

The Class has done admirably well toward supporting the different athletic teams of the School. Four members made the football team, three the basketball, and four the track team. Seven members of the Class have won their major "C" in various sports.

The spirit of the Class in subscribing to the CABLE has been remarkable, over 90 per cent. of the Class responding to the first call for subscriptions. This speaks well for our "go-getter" Treasurer, who handled the CABLE subscriptions.

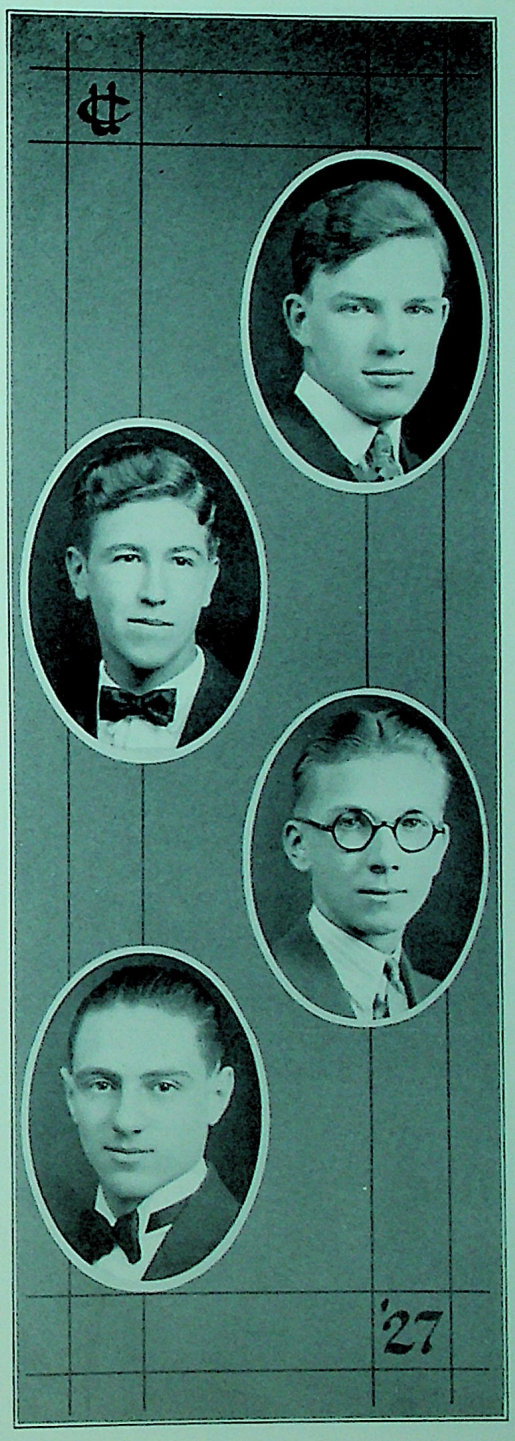
This last paragraph is an exhortation to you fellows to keep up your spirit of co-operation and "pull together" during the remainder of your stay at Cooper Union.

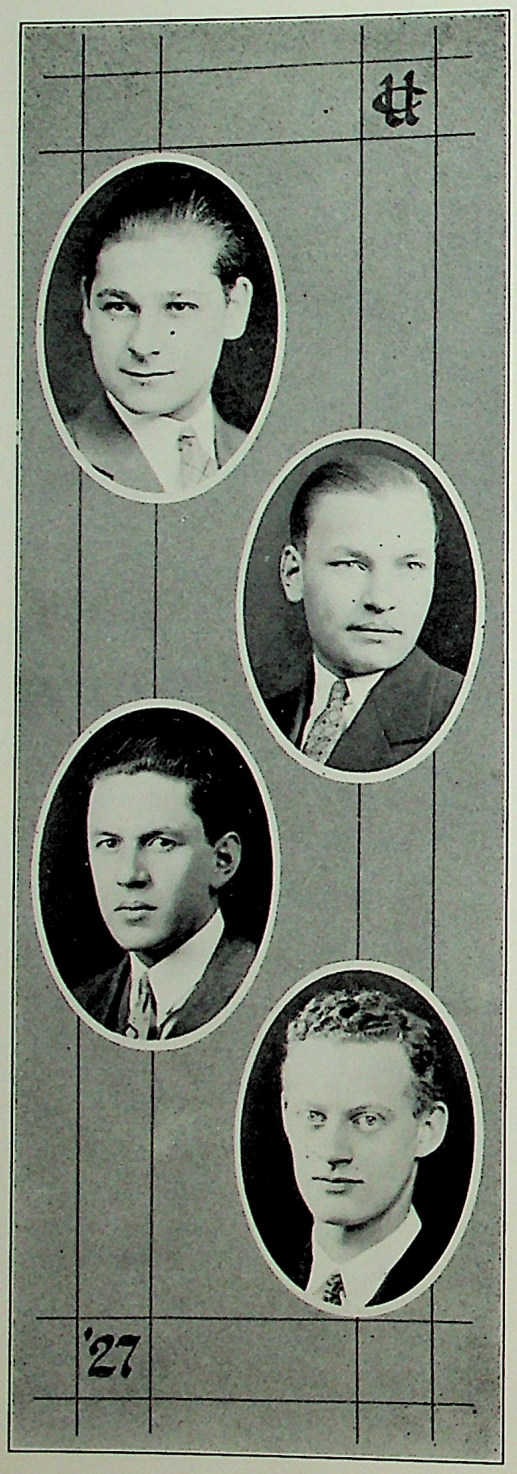
ABRAHAMSEN, ALF. J.
"Alf"
Architecture
Honorable Mention, Second Year.

BECKER, LEROY C.
"Lee"
Architecture
Honorable Mention, Second Year.

BOEGE, HERBERT
"Herb"
Architecture
Sketch Prize, First Year.

BRONSTEIN, MAX
"Max"
Architecture





BYATT, CLEMONS

"Clem"

Architecture

Second Prize, First Year.

CELUCH, JOSEPH J.

"Joe"

Architecture

Manager Swimming Team, '27.

CHRISTIAN, GERHERDUS K.

"Chris"

Architecture

COEBLER, ERICK

"Eric"

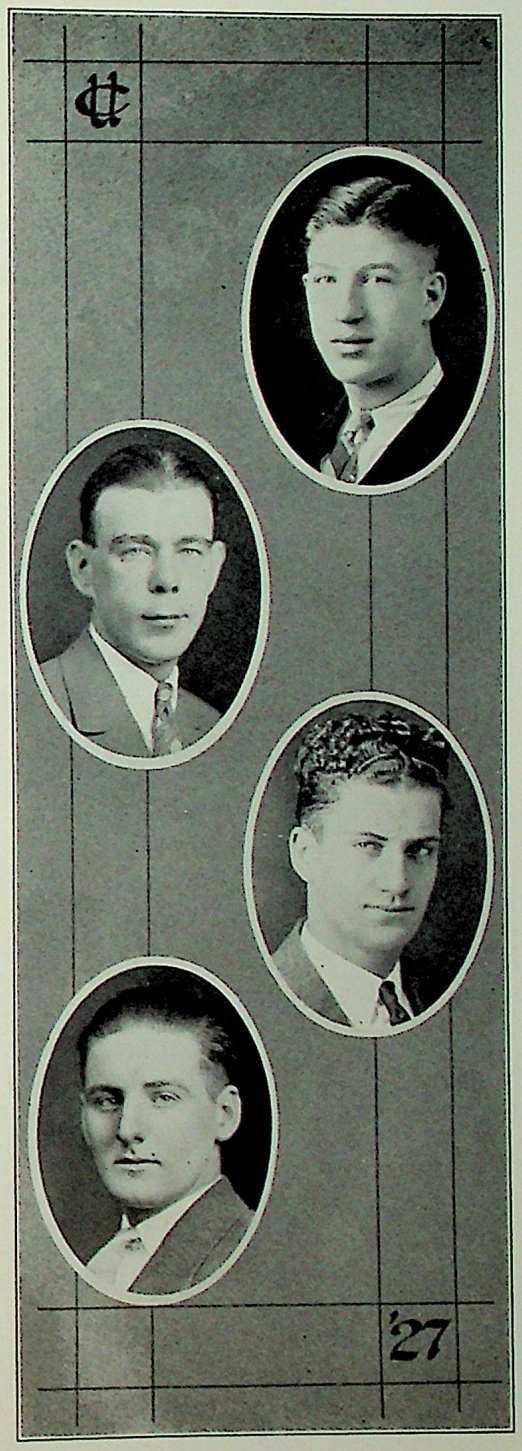
Architecture

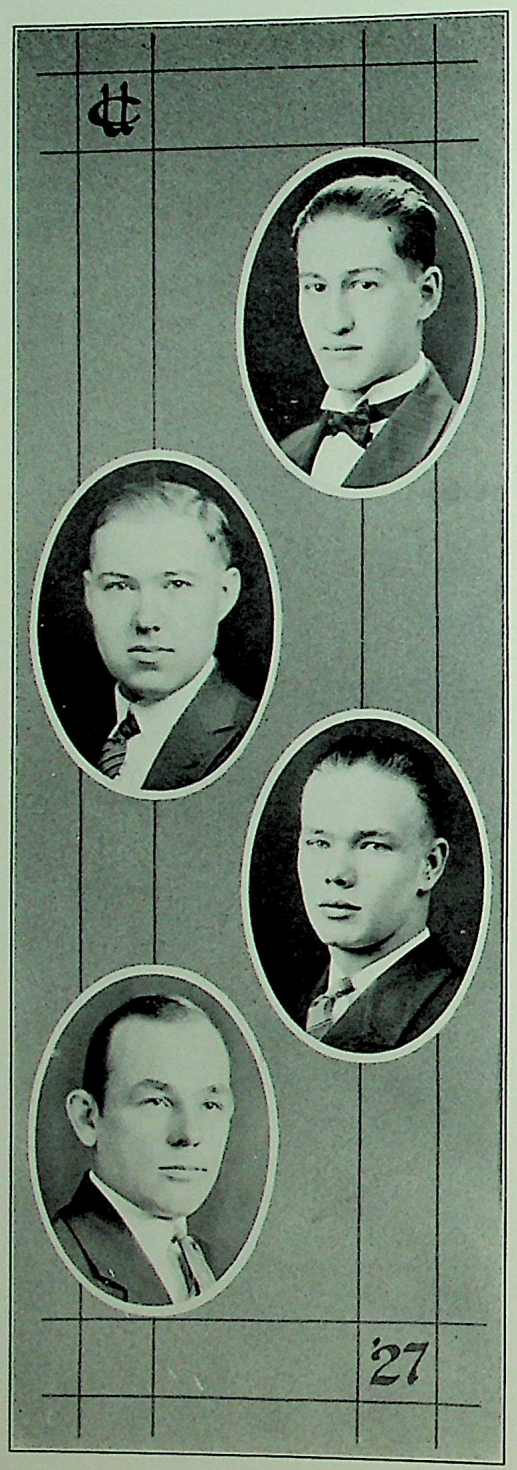
CREIGHTON, ARTHUR C.
"Artie"
Architecture
Football '26; Track, '26, '27.

DAWSON, ROBERT E.
"Bob"
Architecture

ELSE, JOHN A.
"Jack"
Architecture

FORTUNA, LOUIS T.
"Lou"
Architecture
Varsity C Basketball, '26; Treasurer, '26.





HABERMAN, NATHAN S.

"Nat"

Architecture

Class Affair Comm, '26.

HEIL, HERBERT E.

"Herb"

Architecture

HENDESS, WILLIAM H.

"Bill"

Architecture

KAMFORD, JOHN

"Jack"

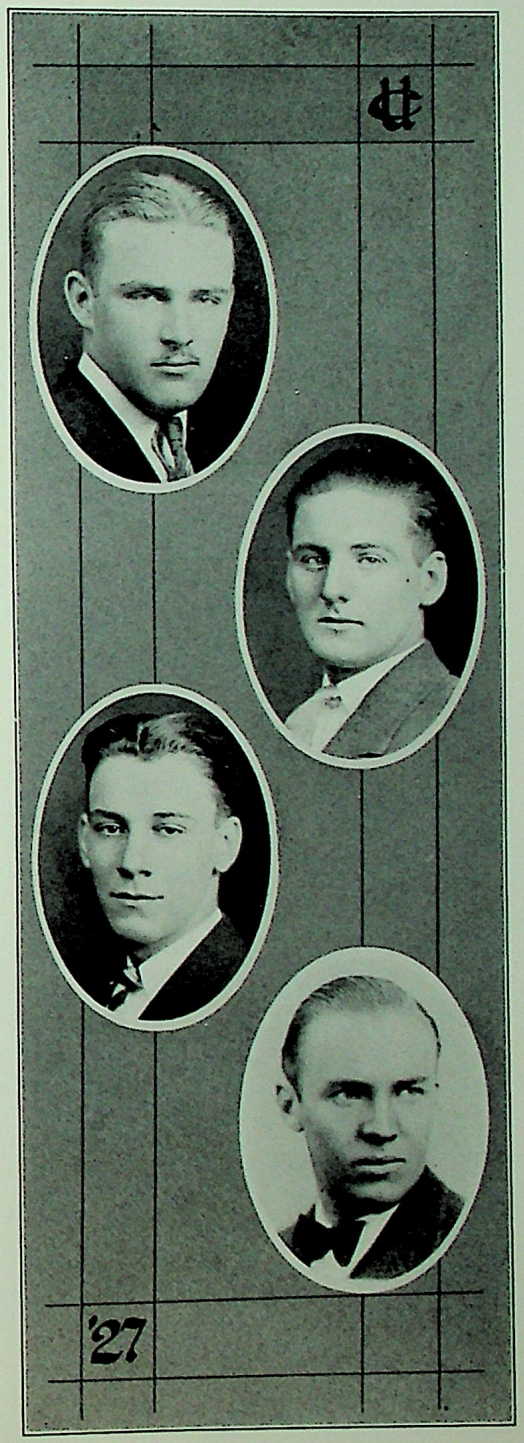
Architecture

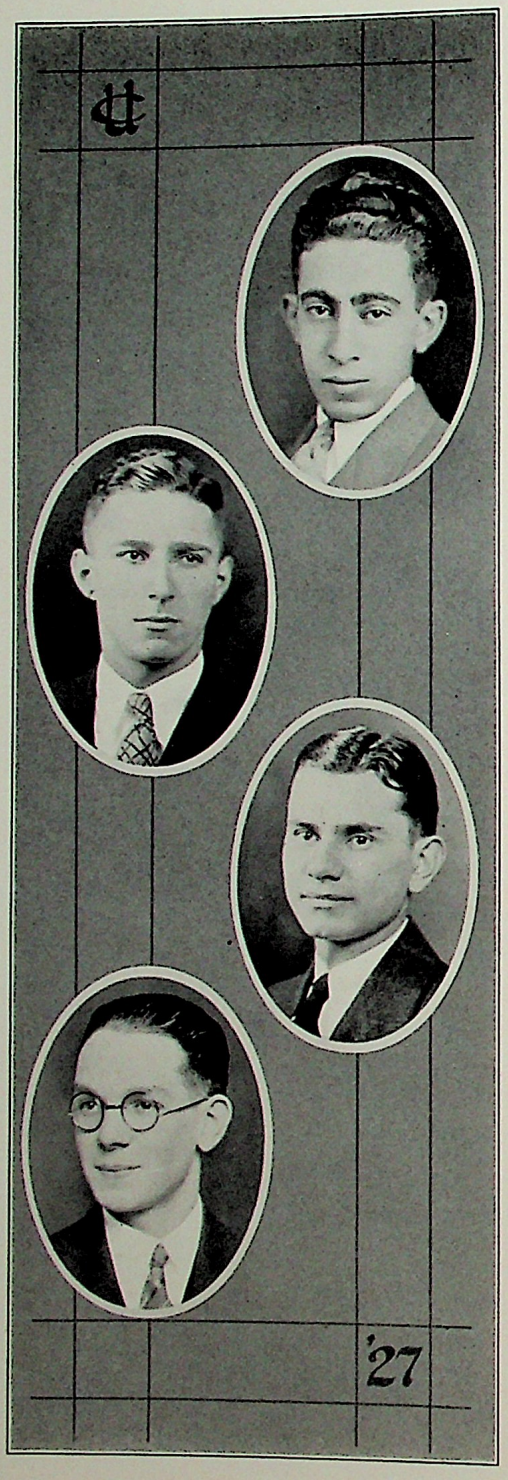
KELSEY, EDGAR YALE
"Ed"
Architecture

KEMP, EDWARD
"Eddie"
Architecture

KEULEMANS, PIERRE J.
"Pierre"
Architecture

KINGSTON, PHILIP K.
Architecture





KLEIN, KALMAN

"Cal"

Architecture

Vice-Pres., '25; Class Affair Comm., '26.

KRAKOW, JACOB W.

"Jake"

Architecture

LANG, HAROLD

"Harry"

Architecture

LUKACS, WILLIAM

"Bill"

Architecture

Class Affair Comm., '26.

MARTIN, ARTHUR J.

"Artie"

Architecture

McLAUGHLIN, T. GERALD

"Jerry"

Architecture

Class Pres., '27; Track Team, '26; Football, '26; Arch. Cable Rep., '27; Junior Prom. Comm., '27; Vice-Pres. Art Council, '27; Wrestling Team, '27; Manager Track Team, '27.

MENDELSON, MOSES

"Moses"

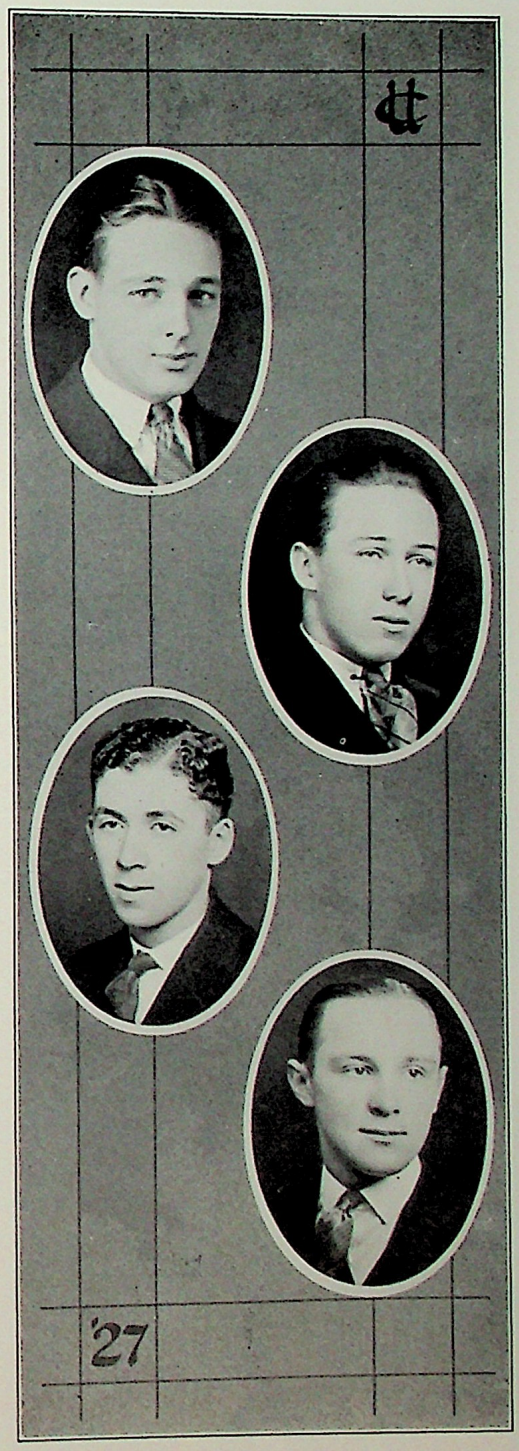
Architecture

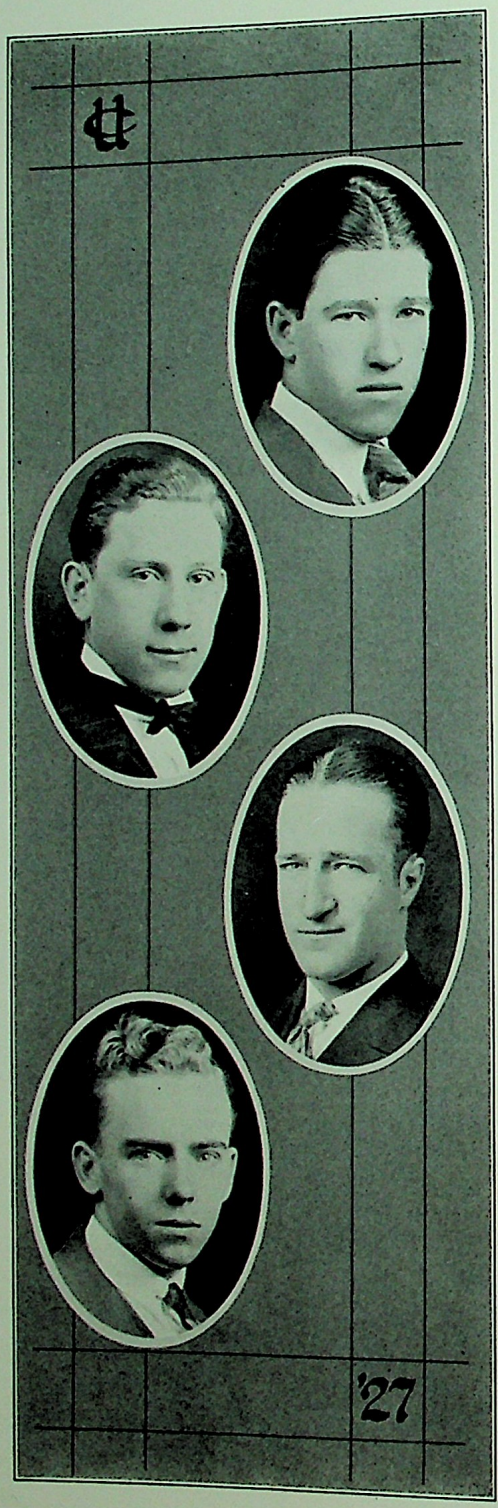
MINCH CHARLES F.

"Charlie"

Architecture

First Prize Orders, '26; First Prize Const., '26.





MOORE, JOHN J.

"Jack"

Architecture

Basketball Tear , '27.

NAGLER, JULIUS

"Julius"

Architecture

NAPOLI, GEORGE S.

"George"

Architecture

Class Treasurer, '27; Art Council, '28.

O'TOOLE, EAMONN G.

Architecture

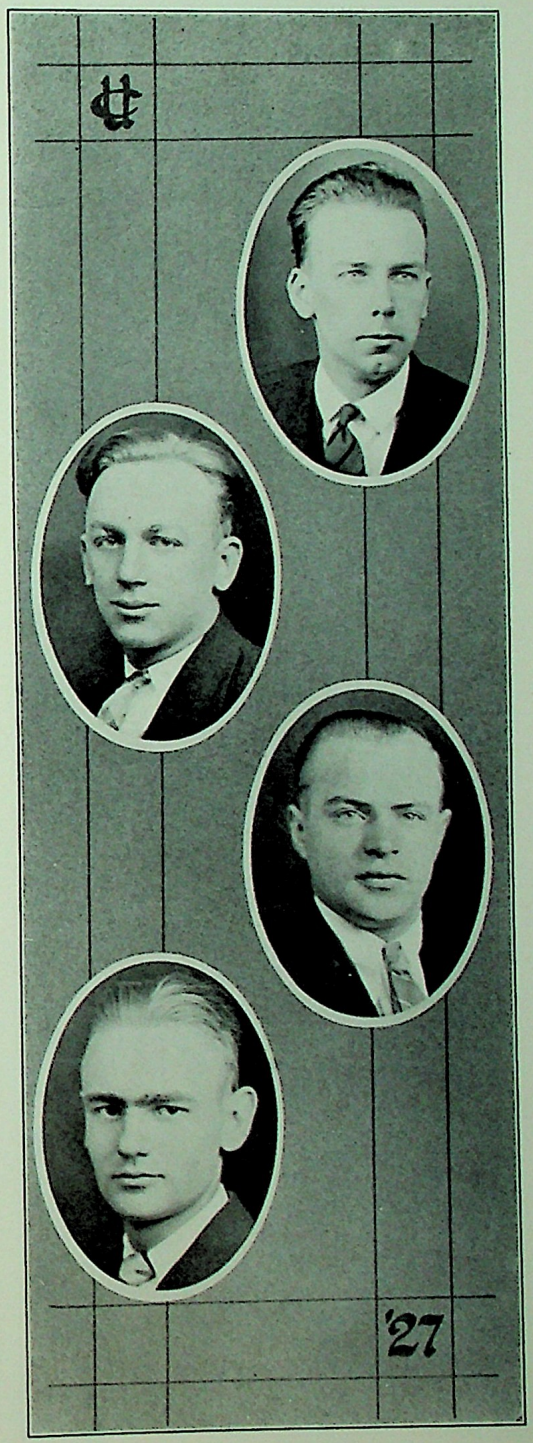
Second Prize, Second Year.

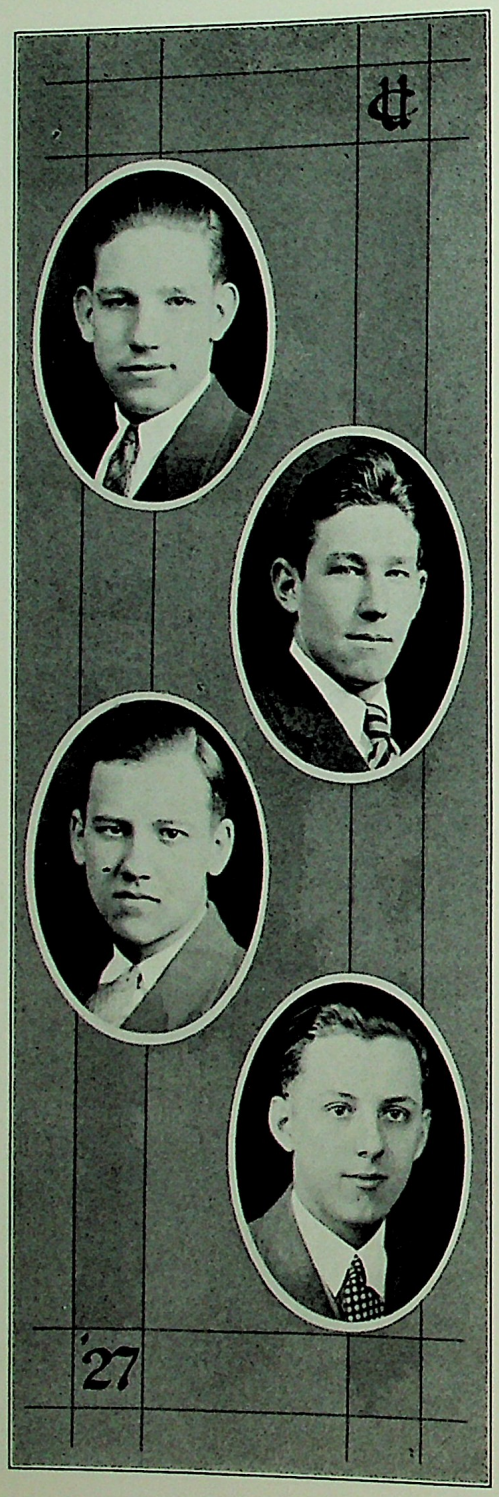
PIERCE, GEORGE A.
"Georgie"
Architecture

RAPAPORT, JACOB
"Jake"
Architecture
Track, '27.

RISAVY, CHARLES F.
"Charlie"
Architecture
First Honorable Mention, First Year.

ROBERTSON, HOWARD F.
"Robbie"
Architecture



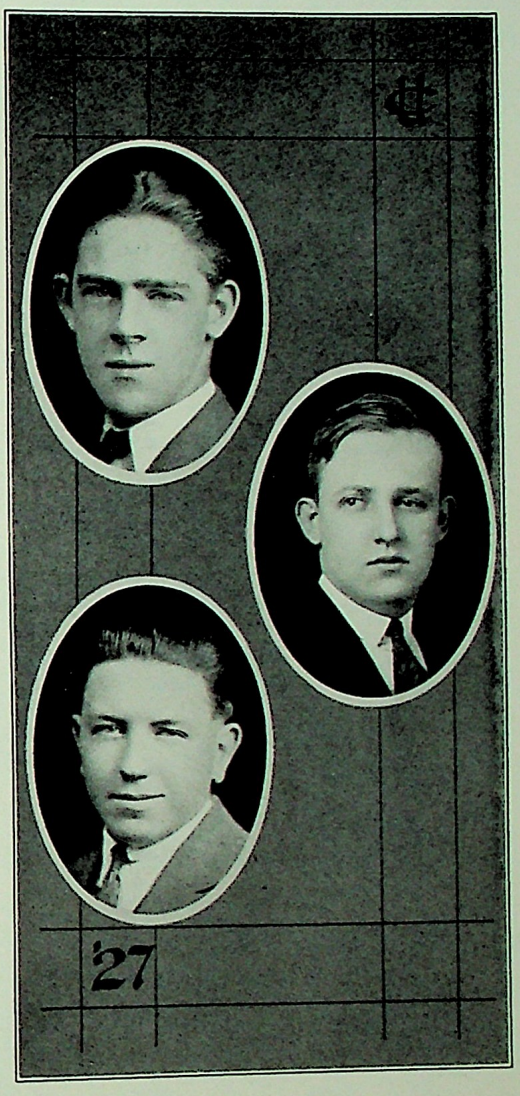


SCHEIL, CHARLES C.
"Charlie"
Architecture

SISK, MAURICE
"Morris"
Architecture

SNYDER, GEORGE
Architecture

THIEL, ARTHUR
"Artie"
Architecture
Vice-Pres., '27; Art Council, '27.



THOMSON, DOUGLAS

"Doug"

Architecture

VIRANO, EDWARD

"Eddie"

Architecture

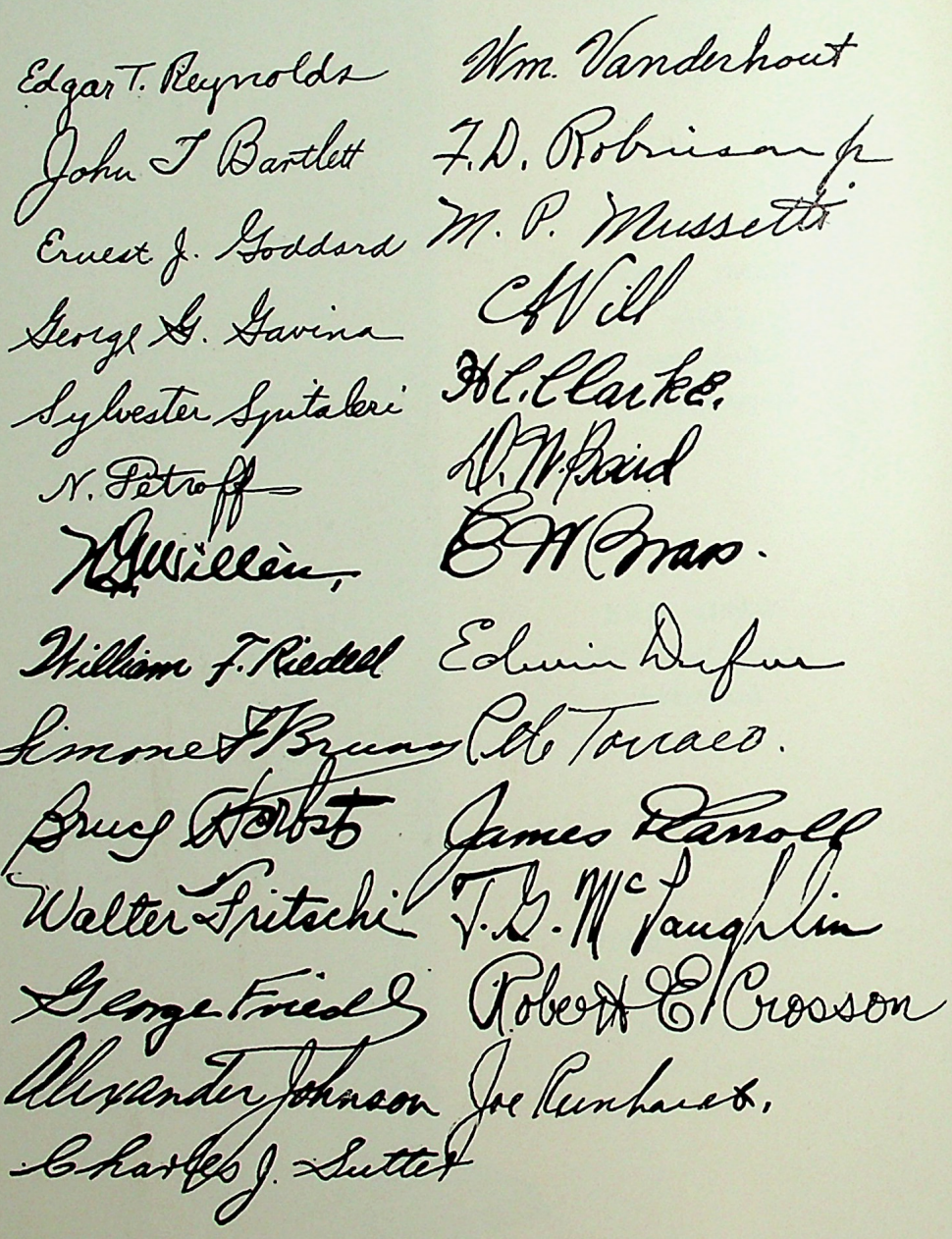
Second Prize, '26.

WARD, ALEX

"Al"

Architecture

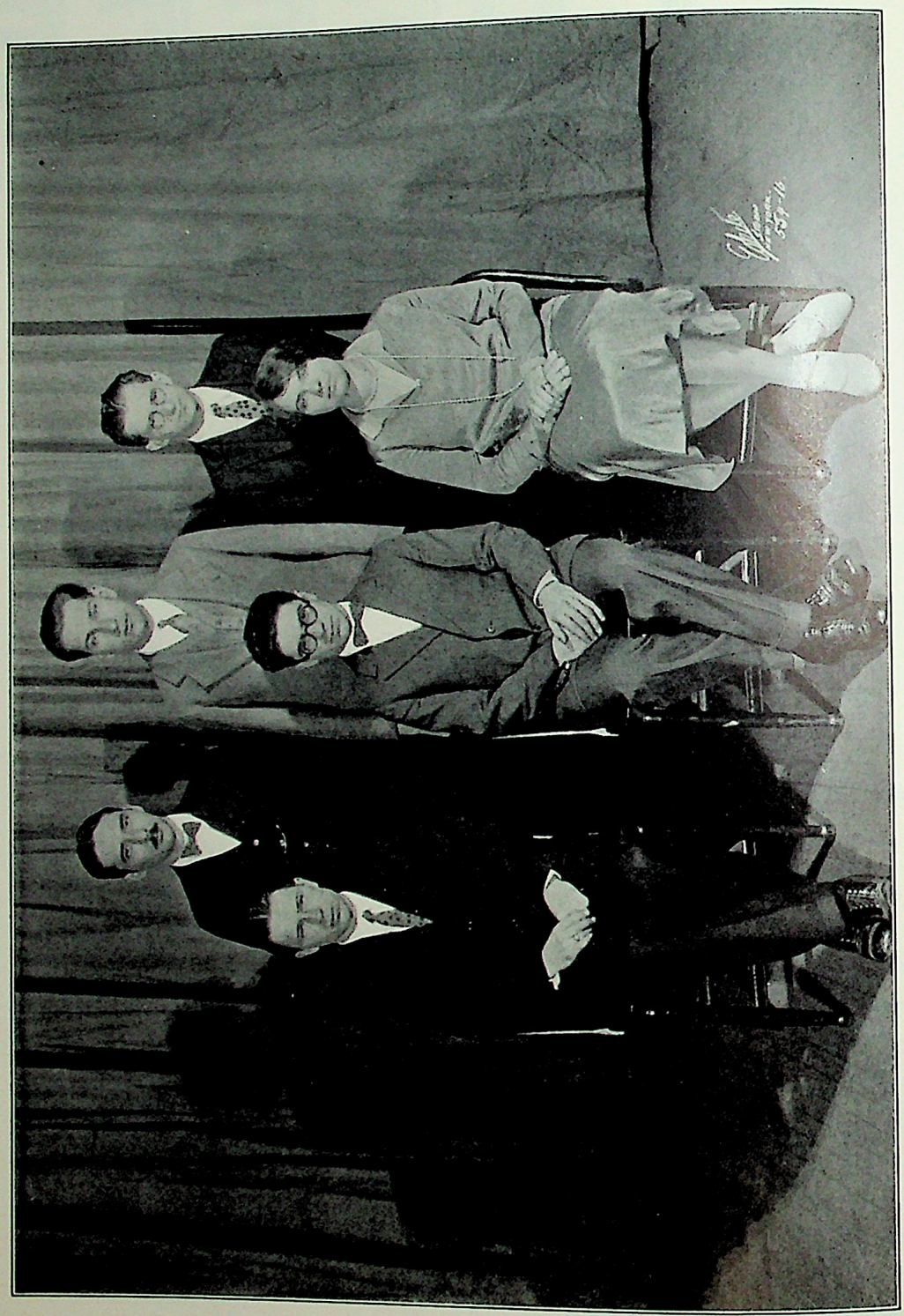
Junior Autographs



CLASSES

1929

NINETEEN HUNDRED *and* TWENTY SEVEN



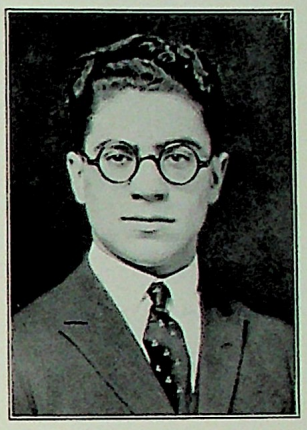
CHEMISTRY CLASS OF 1929

Chemistry, 1929

President
THOMAS G. HEISER

Vice-President
EDWARD J. GERAGHTY

Secretary-Treasurer
EDITH H. FISHER



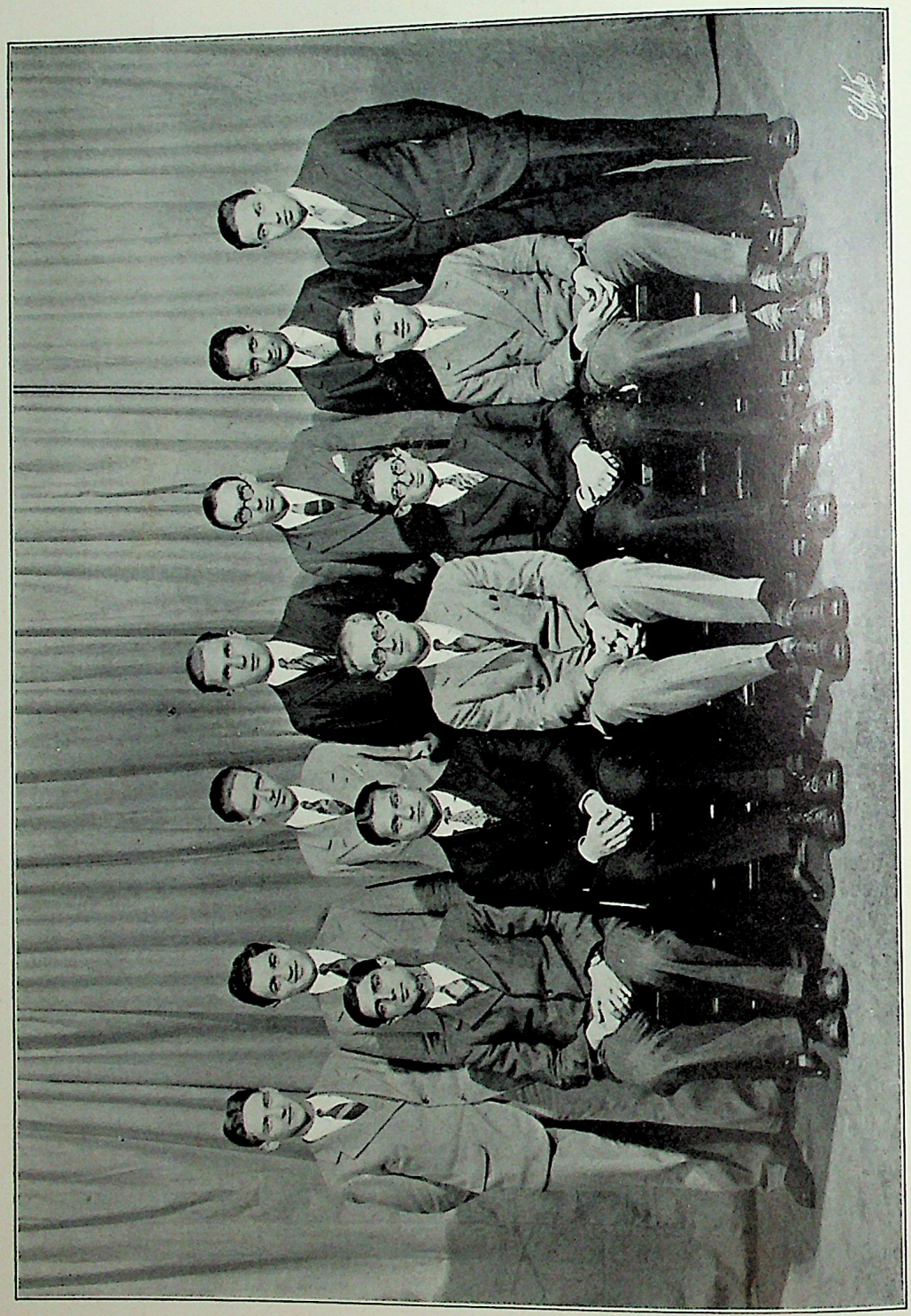
AGAIN the fourth year chemistry class passed thru another successful year in the pursuit of knowledge in chemistry. Being the last group in line of the old all-chemistry course, the few remaining members of the class are very serious and determined to carry their schedule thru until the end, with high honors, if possible.

It seems that the phrase, "history repeats itself", applies also to the history of the chemistry class of 1929, for this term has been merely a repetition of previous years, that is to say, the members of the class are putting a lot of time and energy into their studies, and making good use of the opportunities Cooper Union has so generously offered them. This year's work will also bring them a step nearer to their goal in 1929.

Due to the small number of students in the class, it cannot boast of taking an active part in the athletics of the school, but as in previous years ,the A. O. has been well supported, together with the CABLE and the *Pioneer*.

In view of the fact that the members of the class are scattered in all directions, in and around New York City, it has been practically impossible to meet in a social way, to throw off and to forget the formality of the class room, but at the conclusion of the term's work, it will make amends for this unfortunate situation by having a real jolly time in the form of a dinner and theatre party.

THE HISTORIAN.



CHEMICAL ENGINEERING CLASS OF 1929

Chemical Engineering, 1929

President
MERLE F. KOBLISH

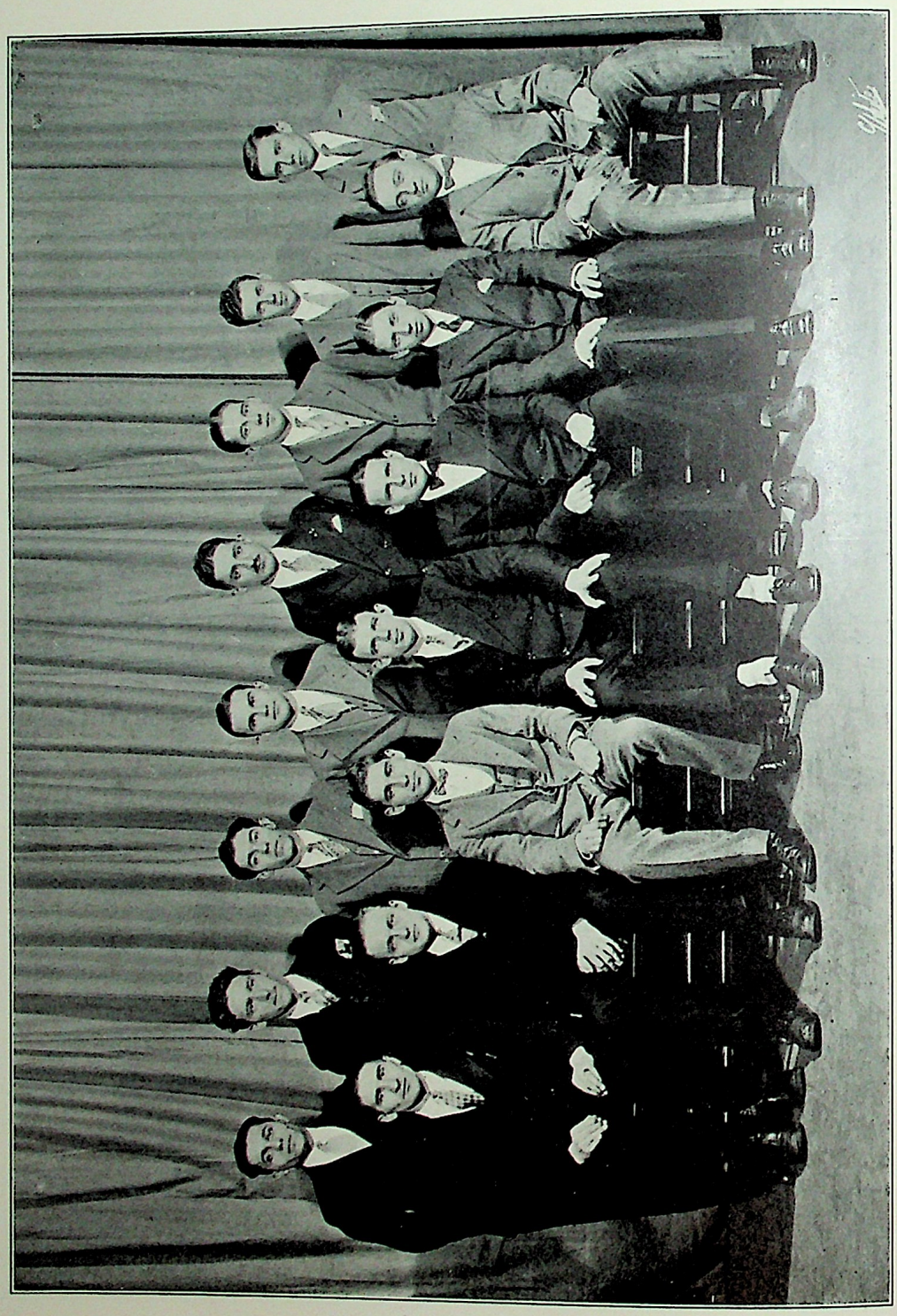
Vice-President
MATTHEW E. ADAMO

Secretary-Treasurer
FRANK M. HOLDEN

STILL another year has passed since we first enrolled as freshman in Cooper Union, and with the hardy spirit that marks the pioneers of this world, Chemical Engineering '29, the pioneer class of the chemical engineering course, goes steadfastly forward. Like true frontiersmen threading a precarious way through some unknown forest, we have met and overcome our many obstacles. The frontinersman had his Redskins; we had our Calculus and to many of us a winging arrow would hardly be more deadly than some involved integration. True, some of us have fallen by the wayside but do we differ from other pioneers in that respect? For all the pitfalls, some twenty-five men still answer the roster.

This year was started with the election of class officers; it was finished with a big celebration. The former was a meeting held in a Laboratory, the latter a dinner dance at the Trobadour Tavern "in the Village". In the 'tween time our surplus energy was spent in the dozens of extra-curricular activities of the school.

THE HISTORIAN.



ELECTRICAL ENGINEERING CLASS OF 1929

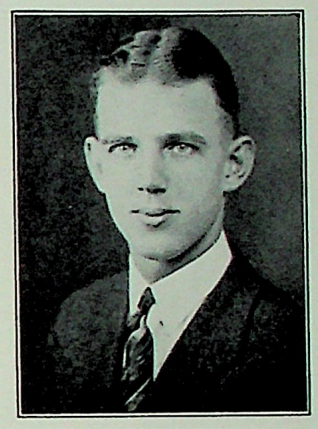
Electrical Engineering, 1929

President
WALTER KALIN

Vice-President
WILLIAM L. ROEHR

Secretary
CHARLES H. COLES

Treasurer
DONALD J. MACDONALD



IT was on an October day in 1924 that the late summer sun set upon the first gathering of the Electrical Engineering Class of 1929. High were our hopes and many our resolutions. Three years have gone their way and still the mill of progress grinds on, and though our ranks are thinner now our hopes have soared to greater heights.

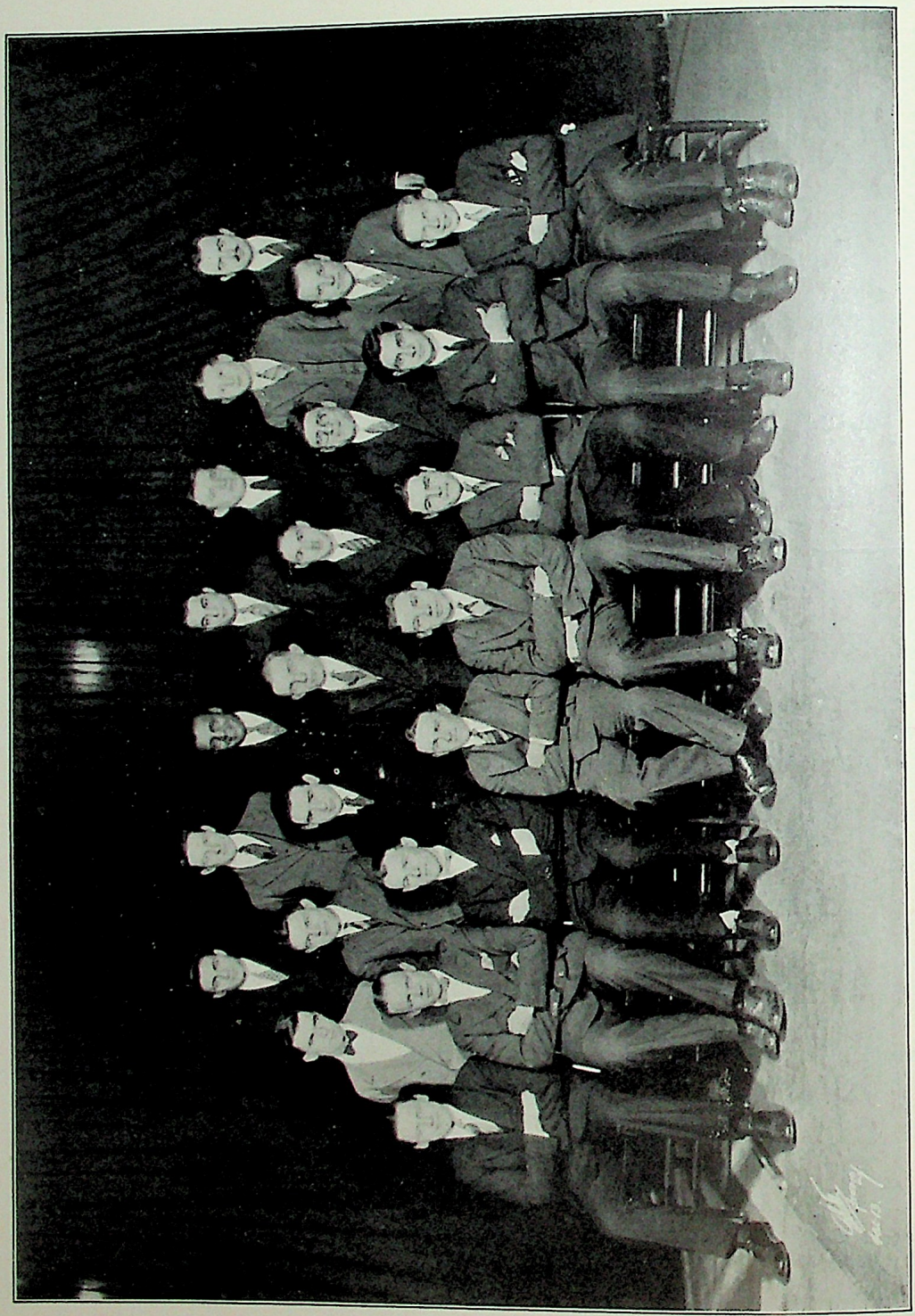
We began this year's activities with a meeting in late October at which the officers that are named above were chosen to pilot our ship through the impending storms of the year. For the first month thereafter the major occupation of all concerned was to offer hand to hand combat with that grizzled old warrior, "Calculus". We also became acquainted with some new playthings in the Chemistry Labs. with which we tried to asphyxiate or blow each other up as most suited our fancy.

Between times, diversion was furnished by Messrs. Johnson, Buckler, and Bleicher in the form of appeals for the support of the CABLE, *Pioneer* and A. O. Suffice to say that the response was generous enough to compensate for the time these men so willingly gave toward these activities.

In December we awoke to the fact that we had to have a class affair; but a month or more rolled by before we finally agreed to hold a dinner dance. The immediate response assured us of a financial and social success, and it was. Why? Yes, you've guessed it. Dim lights, soft music and a gliding waltz. Were we to blame for building castles in the air for our maidens fair?

But alas, our pleasure could not last. Soon thereafter spring exams stared us in the face and we began to rehearse that sad refrain, "Just Before The Battle Mother". But we all hoped for the best and looked forward confidently to a joyous reunion as Juniors.

THE HISTORIAN.



GENERAL SCIENCE CLASS OF 1929

General Science, 1929

President
CHESTER E. VOORHIS

Vice-President
BENJ. PINKUS

Secretary
THOS. MCDERMOTT

Treasurer
S. GENDEROVSKY

ANOTHER milestone on the arduous pathway to intimate knowledge of the sciences has passed. The transition from the heterogeneous body of men of three years ago, with no common bond except the individual will to succeed, into a composite group, fused by a community for interests, has been completed. Firm and lasting friendships have been formed, personality and ability have been rewarded, and the vista remains brightened, not only by determination, but also by a greater hope for ultimate success.

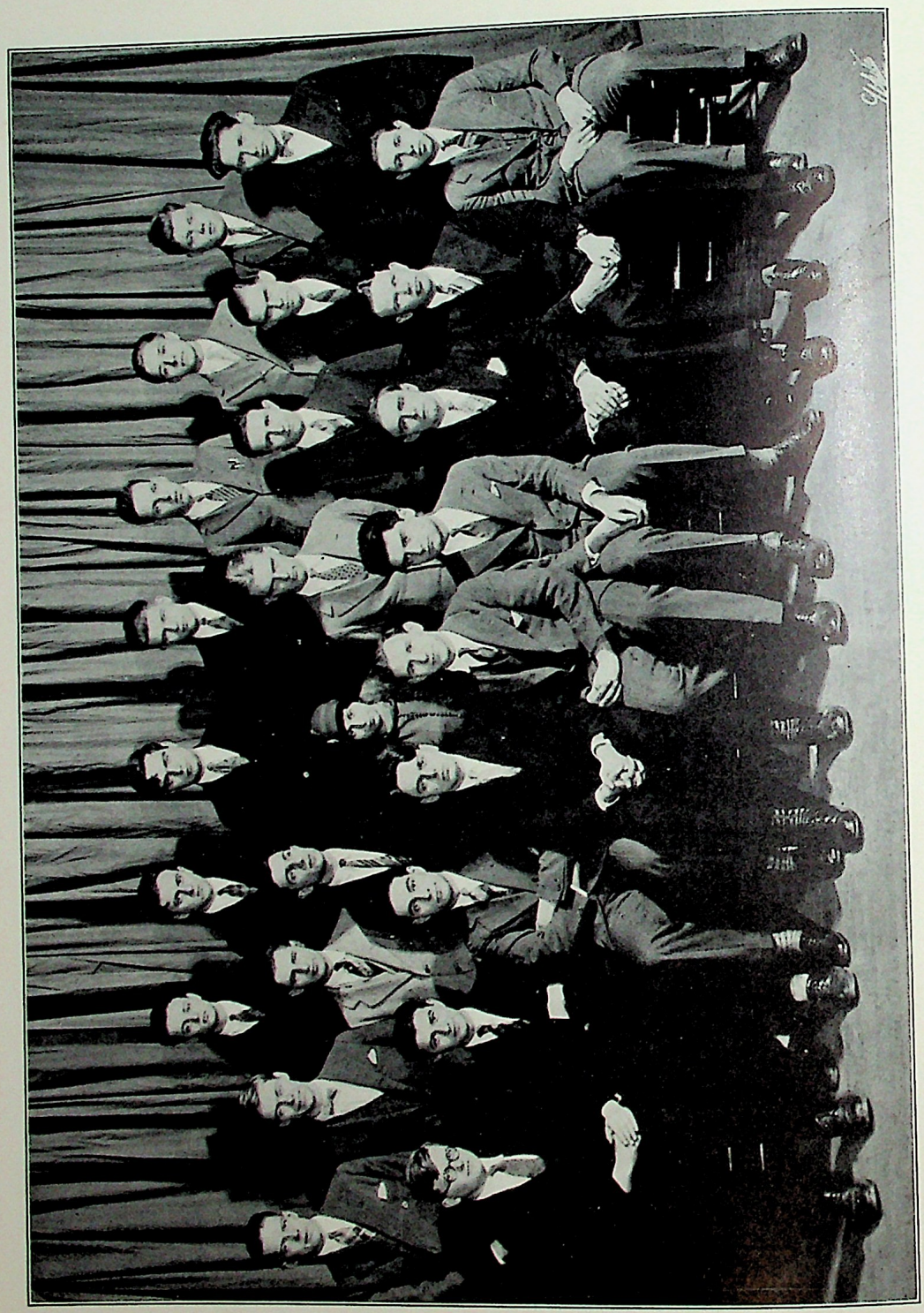
Despite the rigorous scholarship demands for the year, considerable attention was given to the development of the Class organization. Not only were plans for the present year consummated, but through the energy and foresight of our Class officers, preparations were actually made for the administration of extra-curricula activities for the Junior year. The dominant school spirit, characteristic of the class since its inception, in this respect, among others, showed that it had reached the high water mark.

The contribution by the Class to Cooper's athletic activities was very encouraging. With hardly an exception we were represented on all teams, and in addition, a fighting basket-ball team was put in the inter-class tournament.

Instead of the usual theatre party, a dinner-dance was given at Henri's, 81st St., east of Broadway. This affair was quite an innovation, and it was unusually successful. Visualize a combination of soft lights, peppy music, beautiful girls, and an excellent dinner and the picture of our evening's pleasure is complete.

With another year of constructive work behind us, and a future holding forth its bright promise, the Class offers a vote of sincere appreciation to the Faculty for their unstinted efforts in helping us toward our goal. May the pleasant memories which surround our past association with them prove an unfailing impetus in justifying their faith in our future.

THE HISTORIAN.



INSTITUTE OF TECHNOLOGY—CLASS OF 1929

Institute of Technology, 1929

President
CARROLL JOHNSON

Vice-President
WILFRED HENSCHEL

Secretary
FRED T. MERTENS

Treasurer
EDWARD TRAPANI

OCTOBER of 1926 saw the Institute of Technology Class of 1929 gather together again in their struggle to become engineers. They were greatly reduced in number after the weeding out of the first year, but those who returned began with a do-or-die spirit.

The first meeting of the year, which was held late in October, saw the election of officers. Carroll Johnson was elected president but unfortunately had to leave school because of ill health, and it devolved upon our vice-president, Wilfred Henschel, to carry on the duties of that office.

As far as purely soph activities were concerned the class was rather lax, but they were always on the job when it came to jumping in and giving a helping hand to all the school affairs. Many members of the class were on the *Pioneer* staff, the following sophs carrying on that work: Henschel, Managing Editor; Lewin, Sports Editor; Russell, Exchange Editor; Mertens, Bits of Science; and Messrs. Bivona, Haddad, Powsner and Behnken comprising the Technical Board.

After several class meetings and much discussion it was decided that the class would hold a theatre and dinner party. The plans are now under way to hold it in the near future.

Besides the above mentioned activities, Messrs. Lewin, Muller and Wardwell were members of the Tech Basketball team. The class is very proud to be able to claim these men as members because of their sterling work on that team.

THE HISTORIAN.

SCHOOL OF ARCHITECTURE—CLASS OF 1929

Architecture, 1929

President
T. A. MULLER

Vice-President
C. A. DILLON

Secretary
M. GOLDSMITH

Treasurer
A. G. LEGRON

OUR sophomore year is nearing its close and we feel we ought to give a short account of our activities through the year.

Our class was rather large and necessitated the services of another instructor. The classes were divided and work was begun immediately. It did not take long when the matter of class organization was brought about. There were men selected from each section and the following officers were elected: Frank A. Muller, President; Charles L. Dillon, Vice-President; Milton Goldsmith, Secretary; Albert J. Legnon, Treasurer.

Class meetings were held regularly each month and quite an interest was shown by the men. We were representd in the Student Council, in the Pioneer and also the CABLE. The class also was active in athletics. To finish our year a suggestion was made to hold an affair. After consulting all members it was decided to hold a dance. The Hotel Imperial was chartered and a well known orchestra furnished music and entertainment. This proved a success and all had a pleasant time.

We anticipate returning to Cooper Union next year to make it the greatest of our lives since we have established our school mates. So we "sign off" now for our Junior year.

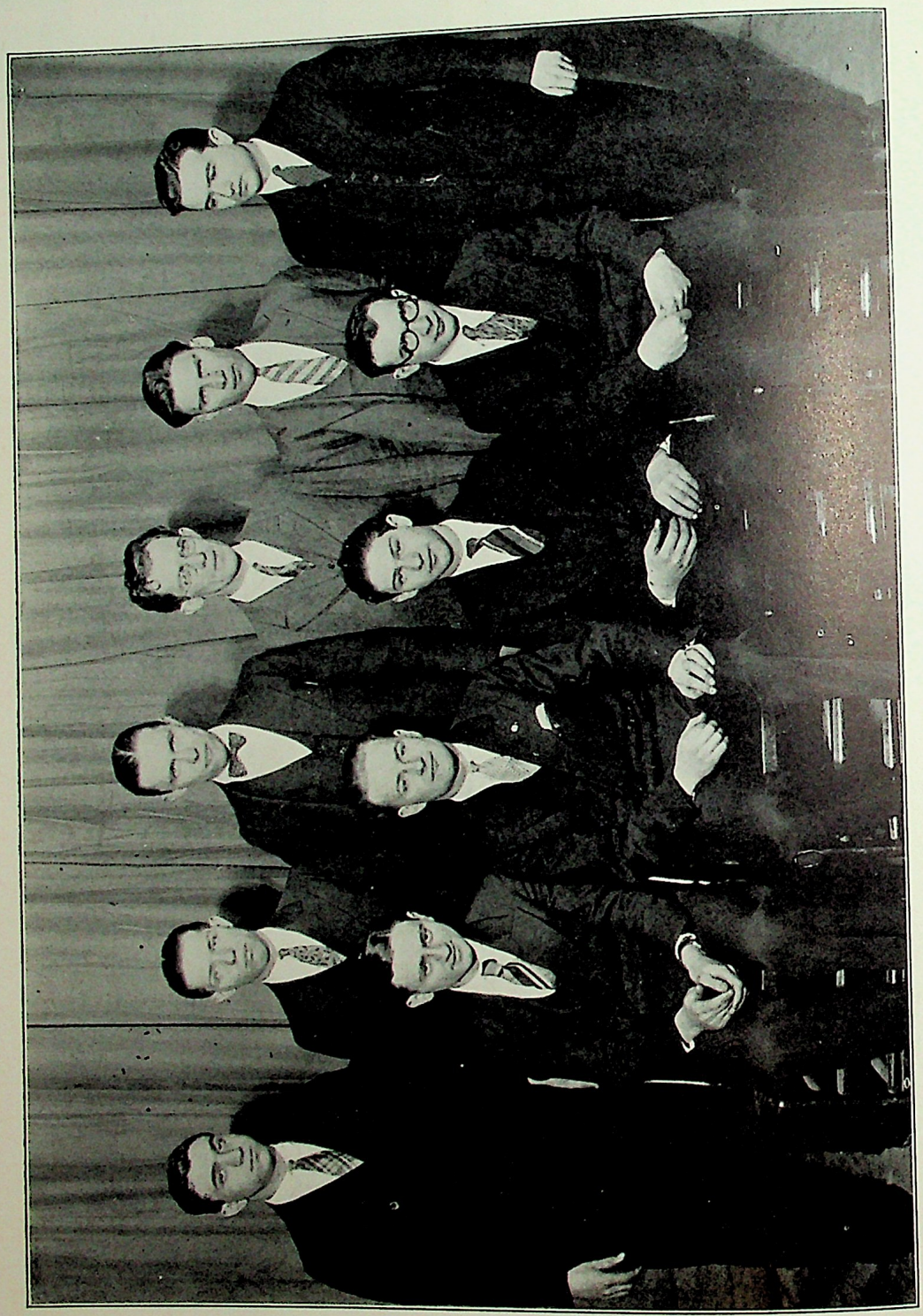
THE HISTORIAN.

Cable Board
Imitating Gene
Too Don Baird
Came the dawn
"Gene"
The board of censors
$3,000 shy!

CLASSES

1930

NINETEEN HUNDRED and TWENTY SEVEN



CHEMICAL ENGINEERING CLASS OF 1930

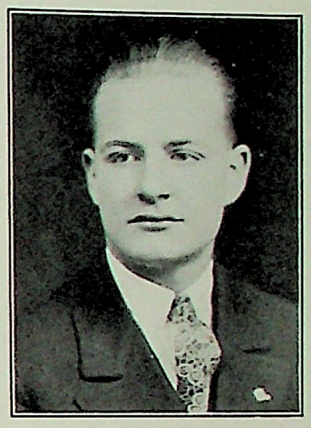
Chemical Engineering, 1930

President
RAYMOND J. F. KUNZ

Vice-President
HENRY G. ADHERS

Secretary
MORRIS MARGOLIS

Treasurer
LEON KAPELSOHN



HERE we are in the second lap of our five year relay through Cooper Union. Asked to record the doings of our class during the past year we looked into our "analytics", uttered a magic formula and discovered an historian.

Inspired by their successful efforts during their first year, the Chemical Engineering Class of 1930 returned to Cooper in the Fall. Smaller in numbers, but increased with zeal for knowledge, and soon became deeply engrossed in studies and social affairs. Determined to be among the leaders in student activities the members of the class elected popular and competent executives, and a promising organization soon began to function.

We boast of several men in our ranks who are active in various phases of college life. Wadlow and Kunz greatly aid the "Pioneer". The football team is likewise very grateful for the fine services of Chiet and Margolis. The CABLE has been successfully supported through the efforts of Kapplesohn. They are also well represented in other student organizations and their achievements have reflected the calibre of the class in general.

The annual "stag" theatre party and dinner held in April marked the climax of an eventful term. It was a great success, and did much to further a spirit of good fellowship.

Suppose we round up the page by narrating a few personals concerning the rogues gallery directly west of this article:

There is "Roy" Kunz, President, and a farmer from the wilds of Jersey. That handsome youth is none other than Freddie Sundstrum, a beau brummel de-luxe. Strom, our only tenor, is standing near Atlas who almost succeeded in blowing up the chem lab recently. Landow is the "Mathlete" of the class. Lubin has his analytics down to a fine point. Last but not least of the three "L's" is "Al Ludsky", guardian of the "sheckels" and exceedingly ultra-collegiate.

It is with much satisfaction that we examine our past efforts and with still greater hope and anticipation that we look forward to our third year at Cooper.

THE HISTORIAN.

ELECTRICAL ENGINEERING CLASS OF 1930

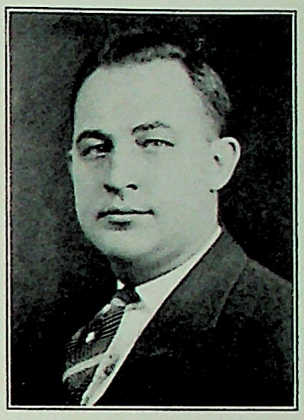
Electrical Engineering, 1930

President
CLEMENT A. BORGES

Vice-President
CHARLES SCHNEIDER

Secretary
LEO F. MOORE

Treasurer
ELIO. JOHN TALAMIMI



IN the early days of October, 1926, familiar faces began to assemble under the banner SECOND YEAR E. E. Upon final count the facts showed that about seventy men stood the fire of guns and were ready to take up the new year's work. Unfortunately, although three ships sailed on the Freshman Main, only two survived and they were re-named Section I and Section II.

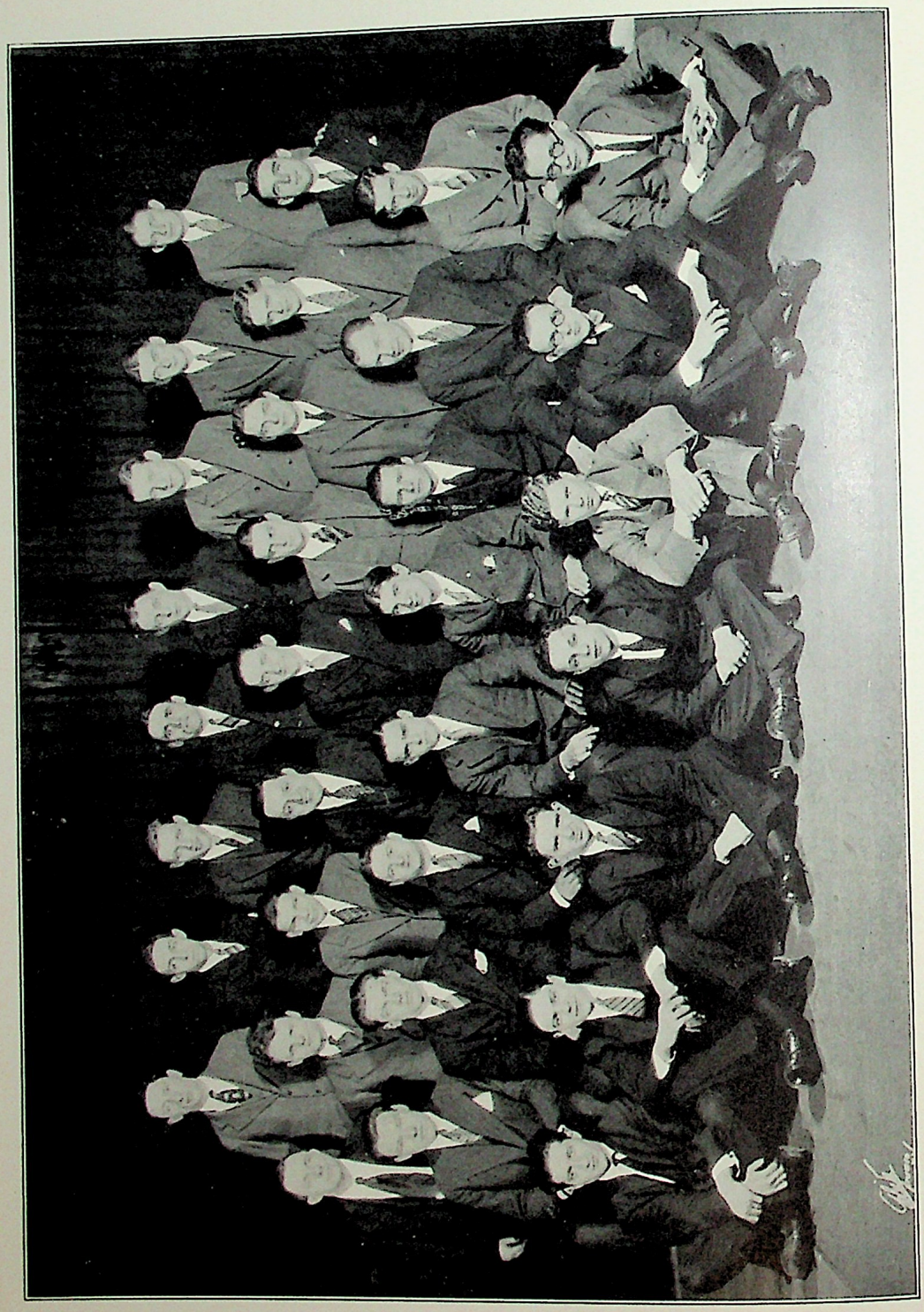
In order to establish good scholarship and to promote social functions, the class reorganized in the form of an association at its very first meeting. At this gathering the attendance was perfect and spirit ran high. A general election was held with the result that Clement A. Borges, having led the class through its year of infancy, was again placed in command, with Charles Schneider, former treasurer, as his aide. Leon F. Moore, who is known for his cleverness with the pen, was chosen "scribe." Talamimi, a man of unquestioned integrity, was given the keys to our treasury.

The *Pioneer* representatives report 75% subscribers and 100% readers of the only and worthy weekly publication of Cooper. This shows with what spirit the class is driving toward the goal.

The studies being so interesting, that when Christmas holidays rolled in, the boys scarcely could believe that half a year had passed. However, books were cast aside and the holidays were welcomed with outstretched arms. At the end of the vacation a majority of the members were back to continue their work.

At the first meeting of the new term a full report was rendered concerning the prospects of an annual class affair. The committee consisted of Messrs. Schneider, (Chairman), Rowly, Winters, Moore, Gittle and Kenz. As the consequence, on February 19th the engineer's army nearly 100% in rank raided "George White's Scandals". The final conclusion was that the show is more than the name represents. From there the army advanced to Cafe Boulevard at 41st St. and Broadway to store up ammunition. Oh, boy! What a menu! Better not list it for it would make your teeth water.

THE HISTORIAN.



GENERAL SCIENCE CLASS OF 1930

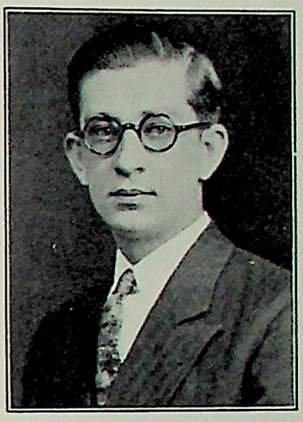
General Science, 1930

President
RAYMOND THOMPSON

Vice-President
JOSEPH A. CAMPBELL

Secretary
GEORGE T. HENDERSON

Treasurer
JOHN J. LYNCH



ON October 5th, 1926, the General Science Class of 1930 once more gathered in dear old Cooper, all eager to assume its new duties and forge ahead toward the second milestone of our voyage. Upon looking around it was found that many old familiar faces were missing. Unforeseen circumstances and final exams had all taken their toll.

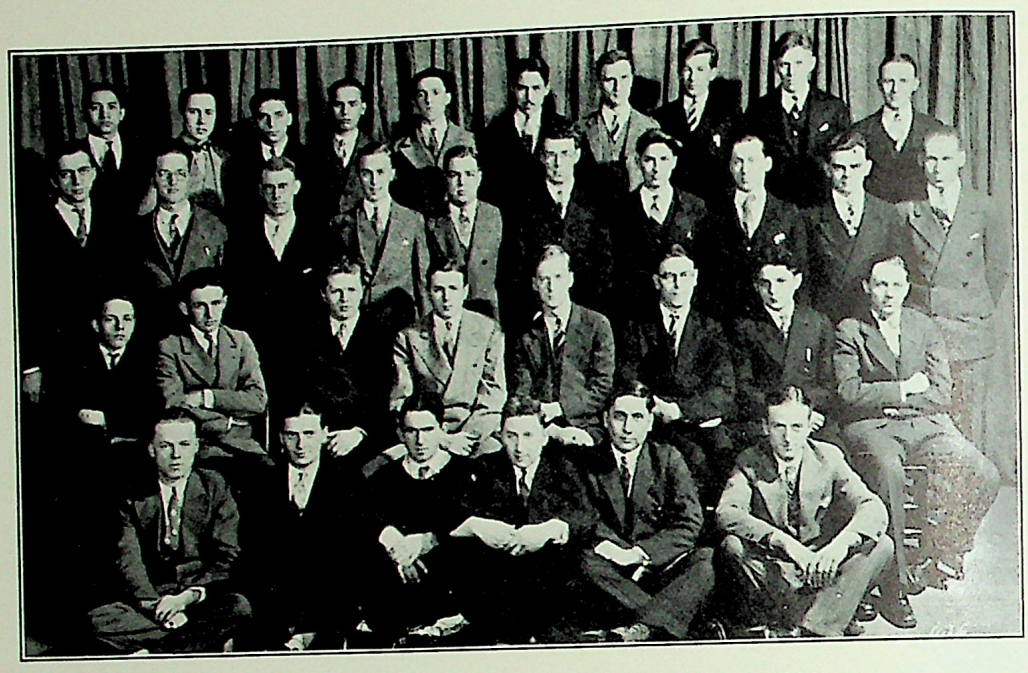
The first official act of the year was to choose the section representatives. They were: David Fallon, Joseph A. Campbell from Section I; John J. Lynch, George Henderson from Section II; and George Pradl, Raymond Thompson from Section III.

The next question that came up was the annual class affair. Last year a dinner and dance was held, at which a good time was had by all. This year we enjoyed ourselves at the dance at the new K. of C. hotel on February 26.

Quite a few of the boys are making great progress on the track team, and the class as a whole looks to them to turn in some very creditable performances, in the near future.

We've found the work this year pretty hard. This to a great extent has curtailed our individual social activities, but has made us all firmly resolve to stick to it and, "beat old Cooper at its own game."

THE HISTORIAN.



INSTITUTE OF TECHNOLOGY—CLASS OF 1930
Sections I and II

INSTITUTE OF TECHNOLOGY—CLASS OF 1930
Sections III and IV

Institute of Technology
Class of 1930

President
J. McCONAGHY

Vice-President
FRED SHEPARD

Treasurer
J. REYNOLDS

Secretary
RUSSEL FORSYTHE

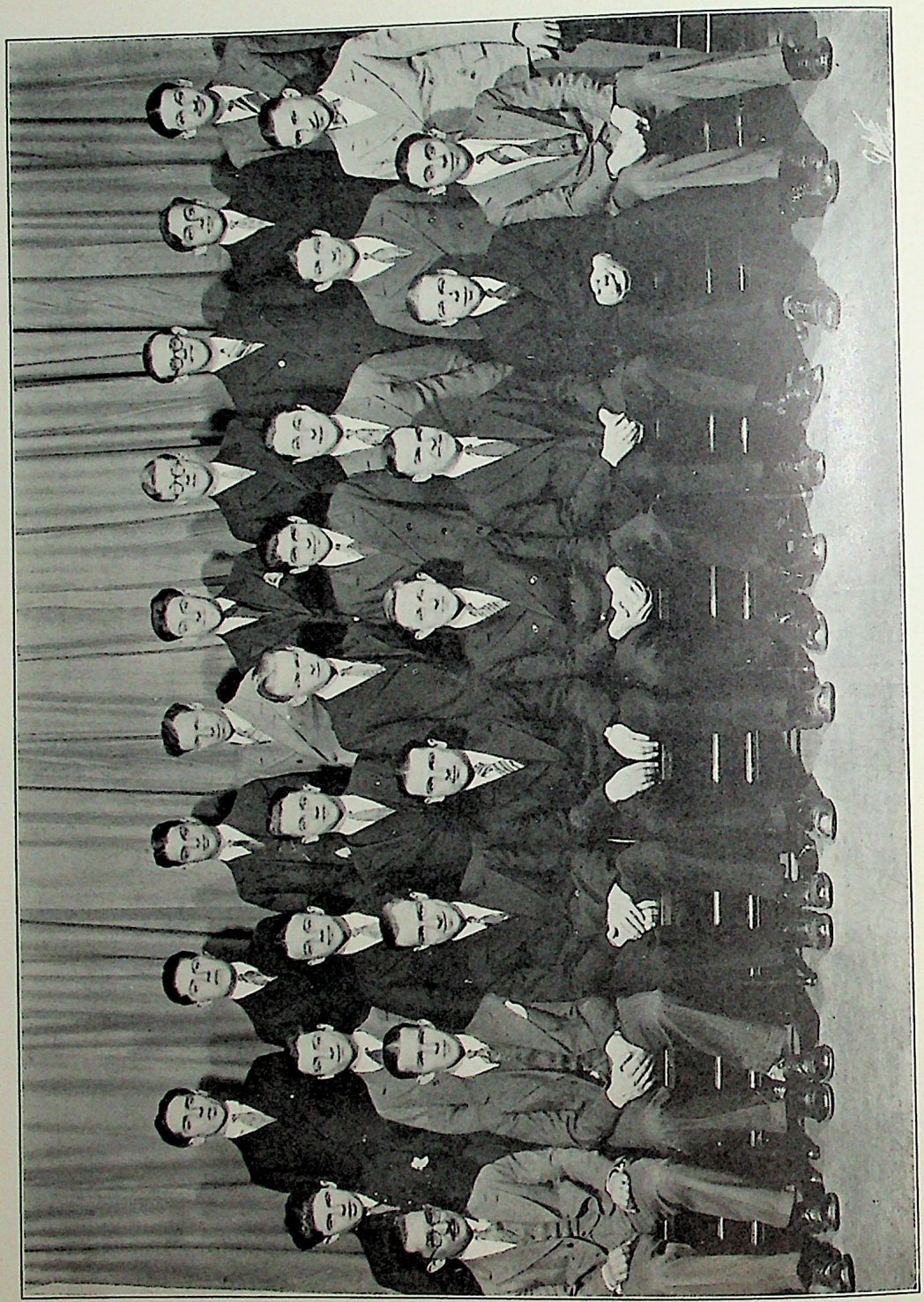
SOLVE the mystery of the perplexing "bones"! Pick out the two funniest faces! How high is the Woolworth Building? What type motor has Ford? Such were the problems and questions which ushered us into Cooper Union's famous halls. All we can remember of the first few weeks are the delightful perfumes offered by the Chem. Lab., the insistent cry for dues, and our red decorated report books, which while artistic were far from encouraging.

Under the leadership of Professor Bateman, the class was organized, representatives to the council being elected and class officers chosen. As usual, the financial question was one of the first problems to be met, and the dues collected enriched our treasury to the sum of about twenty dollars. After that we were in a position to discuss class activities, and a theatre party was planned, which afforded everyone present a good evening's entertainment.

The Freshmen have taken an active interest in the sports of the school. Several have been seen playing with the basketball team, some others giving their support to the track team, and still others were out for baseball.

A good deal of the humor this year in the *Pioneer* has been due to the efforts of one of us, who was also the Day School Manager of the *Pioneer* Dinner and contributed materially to its success.

Here's hoping the "powers that be" spare us to become sophs!



SCHOOL OF ARCHITECTURE—CLASS OF 1930

Architecture, 1930

President
ALEX. F. MCGIMPSEY

Vice-President
MICHAEL A. DOLGOS

Treasurer
U. S. WILLIAMS

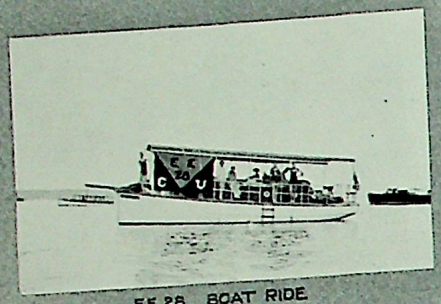
Secretary
WILLIAM MACKAY

DURING the week of October 25, 1926, Mr. Miller approached each individual class of the first year architectural division and explained to them that each class should elect a President, Vice-President, Secretary and Treasurer. These elected candidates, according to Mr. Miller's plans, which he saw culminated to his satisfaction, were to compete with similar groups of officers from the other respective first year classes to make a selection representing the entire first year class of the architects. The result of the balloting was announced on Friday, November 12th, 1926.

An interesting fact, one in which we believe is unique and without parallel as regards the former historic memoirs of Cooper Union, was the election of a Vice-President by an overwhelming majority from the, to use the colloquial misnomer, "weaker sex". Miss Kress virtually ran away with her election. This tends to prove the openmindedness and fairness of the predominant males in the first year architectural division. These coming architects do not believe that the nineteenth amendment to the Constitution of the United States should be slighted and as a result Miss Kress was elected for the second highest office that Cooper Union can offer the freshman.

All that we can now say is that we all, as individuals and as a group, are endeavoring to further blazon the name of Cooper Union to the world by honest, conscientious and meritorious effort. This in short represents our true class spirit.

THE HISTORIAN.



EE 28 BOAT RIDE

"LONESOME AND BLUE —"

JUNIOR FROLICS

"BY A WATERFALL—"

'LA CAPITANA'

THREE JOLLY GOOD FELLOWS

"ON MY UKELELE—"

"IN MY GONDOLA—"

CLASSES

1931

NINETEEN HUNDRED and TWENTY SEVEN

CHEMICAL ENGINEERING CLASS OF 1931

Chemical Engineering, 1931

President
ERNEST O. SPERR

Vice-President
WENDELL W. CERNO

Secretary
STEPHAN KUNO

Treasurer
WILLIAM J. MATT

THE history of the Chemical Engineering Class of '31 is not a series of wonderful exploits, but nevertheless is somewhat interesting.

The class officers were elected in individual sections which combined to hold their first meeting December 16th, 1926. Previous to this time a marked lack of school spirit was noticed but with the first meeting a new interest began to grow. This spirit manifested itself in the shape of various athletic and social activities.

The most important event of the year was that of the class dinner and theatre party. This party was held on April 2nd. The class attended the well known performance, Rio Rita, after which the class attacked a real good steak dinner at the Hotel Claridge. The entire proceedings were enjoyed by all.

Not only has the class entered into social activities but into athletic competition. Several of our members have signed up for the various teams and by the end of the term we will be amply represented in Cooper Union's athletic activities. The class also entered a basketball team in the interclass tournament but suffered defeat by a better team and was eliminated. However, in time we hope to put a winning team in the field and with the coming year perhaps we will show a little more of our talent.

THE HISTORIAN.

ELECTRICAL ENGINEERING CLASS OF 1931

Electrical Engineering, 1931

President
J. BURNS

Vice-President
H. COOK

Secretary
C. PADUC

Treasurer
R. S. REMINGTON

EARLY in the school year, this class elected two representatives from each section, six men in all, upon whom the responsibility of 'running' the class activities rests. The "Big six" chose from amongst themselves a President, Mr. Burns, Section I; Vice-President, Mr. Cook, Section I; Secretary, Mr. Paduc, Section II; Treasurer, Mr. R. S. Remington, Section III. The two remaining representatives, Messrs. Irwin and Rogie, succeeded in concealing their disappointment pretty well.

During the Xmas vacation, the class held a theatre party and dinner at Beefsteak Charlie's. (The dinner—not the theatre party.) "Honeymoon Lane" was the evening's performance and the night was voted well spent.

In the Basketball Tournament the class made a wonderful showing, but the judges decided that the other teams were still better. Hence the "final" position of E. E. 1.

THE HISTORIAN.

GENERAL SCIENCE CLASS OF 1931

General Science, 1931

President
H. KAMMANN

Vice-President
R. LAUER

Secretary
V. CONKLIN

Treasurer
E. ELLIOT

BEING freshies, the G. S. '31's were somewhat at a loss to grasp the intricacies of affairs at Cooper Union. Many of the men, fresh from high school, had not contemplated the depth and scope of the work taken up in the night course. As a consequence interest in class and school affairs was not very prominent. Section II being the first to become acclimated to the new surroundings, sprouted forth with a theatre party toward the end of the term, taking in "Twinkle, Twinkle" and enjoying a rousing dinner afterward.

The class basketball team won their first game, defeating E. E. '31, but succumbed to the superior prowess of the E. E. '29 team. The class as a whole gave the "Pioneer" hearty support. A fair representation also attended the Annual Dance. Other activities were notoriously absent, the active members planning on a better record next year.

We could not boast of any other activities so far but then one must remember that we have four more years to go. What will those four years bring forth? Perhaps it is a good thing that we do not know. But at any rate, at this stage of the game we are filled with a strong mixture of optimism and skepticism.

THE HISTORIAN.

HAIL! HAIL! THE GANG'S ALL HERE!

"HIGH, HIGH ON THE HILL-"

'ALL SET'

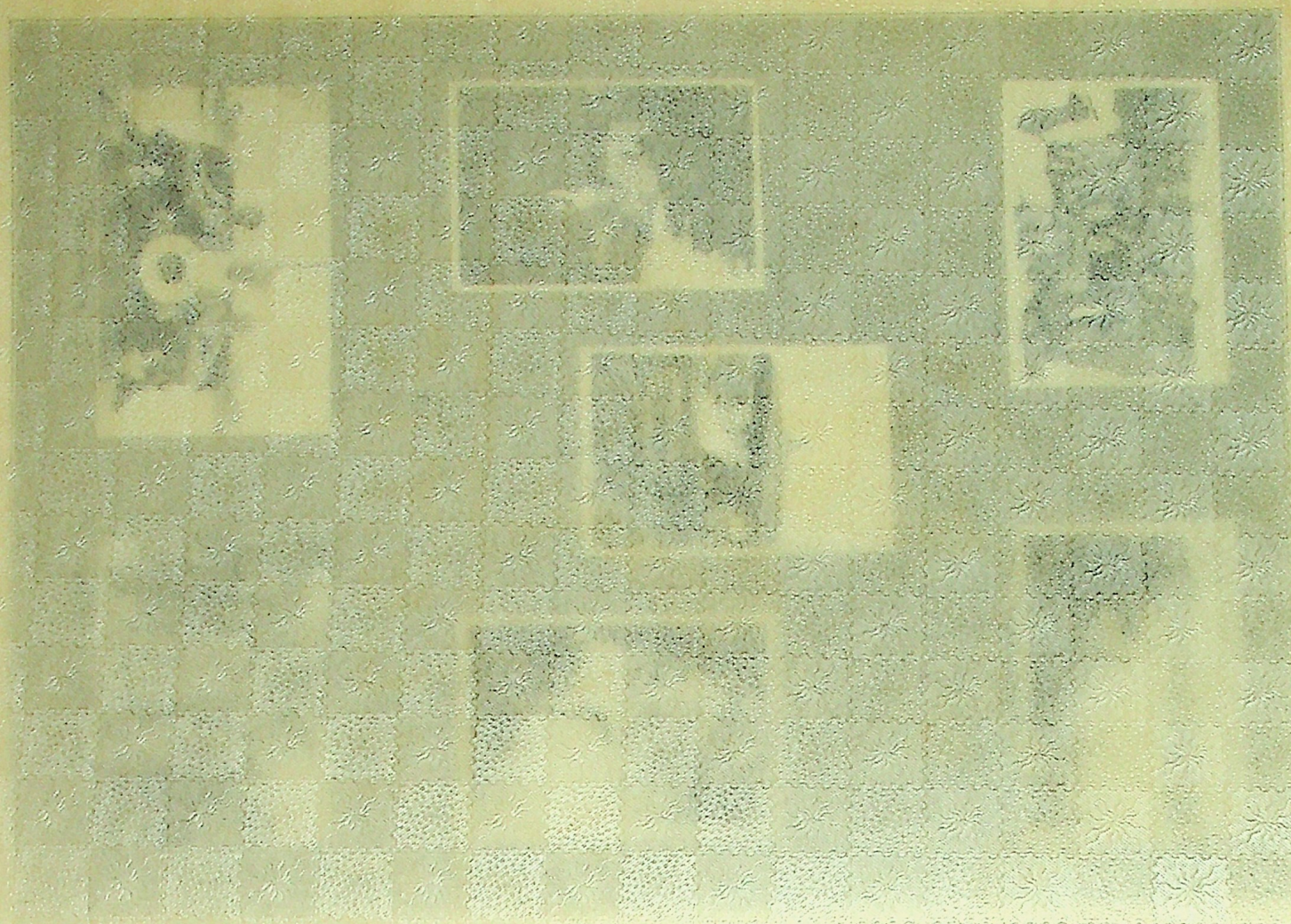
'THE DAILY DOZEN'

JUNIOR FROLICS

NAUGHTY! NAUGHTY!

DECKHANDS

ALL DRESSED UP AND NOWHERE TO GO!



ATHLETICS

FOOTBALL, 1927

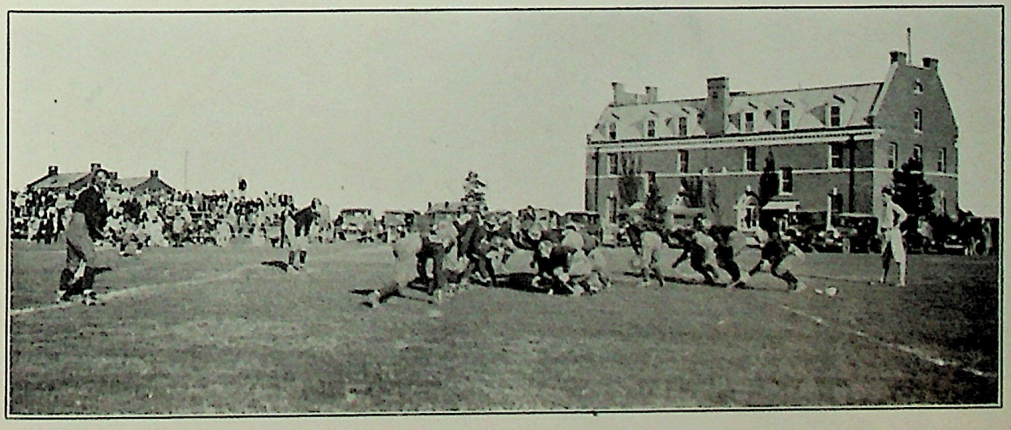
TOWARD the middle of August, while the freedom and joy of the summer's vacation was still thrilling the hearts of the football candidates, Manager Don Baird called together his embryo Reds to begin the fight for Cooper's Honor.

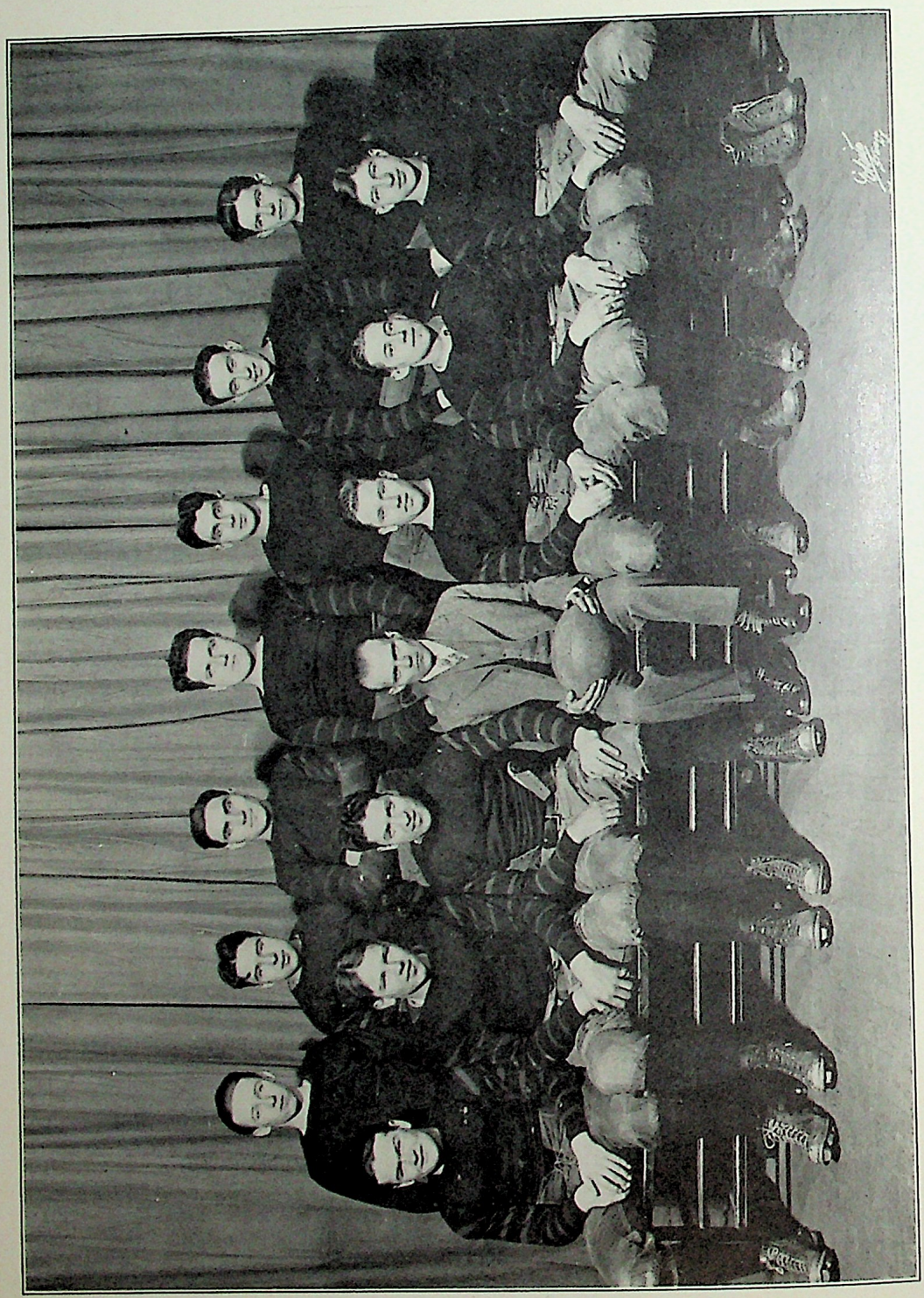
The boys gathered at Pelham Park and it was here that they started to delve into the "Theory of Pigskin Handling" under the new and efficient coach Jack Cashman. Captain Joe Reinhardt and a few of last year's veterans were taken aside with the better material, while the rest of the boys worked under the wing of Jack Lahey on the fundamentals of the game.

Each night of the week, while others were homeward bound, the small squad of enthusiasts could be seen at Central Park, straining to solve the shifts and formations which were to carry them on through the season. Early in the grind, the squad journeyed to Bayonne for a practice tilt with the Lansings, and it was here that the boys received a taste of real action. With but two weeks to go for the opening game, the practices became more imperative and every man was on edge.

Just before the encounter with Upsala, Don received word that every man must secure an eligibility certificate to be able to participate in the games with the team. This was quite a blow to the team and it was a light line that faced the heavy Upsala Eleven.

The efforts of our backfield were broken by the ineffectiveness of the line during the first half and the opponents scored twelve points. The team started the second half with new vim and vigor, and it was then that the Maroon threatened to score a number of times although it seemed to lack the final punch. The game ended before Cooper managed to put the ball across the Blue goal line and the Orangemen emerged 16 to 0. Though defeated, the team worked hard at the practices the following week and with the showing of some real stuff in the group, the boys prepared for their encounter with Trinity College.





FOOTBALL TEAM OF 1927

Up at Hartford, the rebuilt eleven was put into action with Red Corcoran, a new and sturdy man at center; Reiney and De Santo playing guard, Cramer and Friedl at tackle, and Carroll and Wise at the wing berths. The backfield was shaped into form with young Bateman as quarterback, Brown and Warshaak as halfs and Chiert as fullback.

After the Trinity Freshmen had given us a hearty reception, the teams were left on the wet field, to fight for the supreme possession of the much coveted pigskin, while the slicker draped grandstand watched the battle. Before many minutes of the game had passed, the Black Demons brought the ball down the field with a long forward. There the Maroon line held them for three downs; and then the Fullback carried the ball for a line plunge. Every man was concentrated at the point of the play, and as the Referee lifted the ball from the ground, it was marked with the stripe of the goal line; they had just made it! The kick was blocked, thus preventing an extra tally. It was at this stage of the game, that the Cooper line stiffened. They were right in behind to break up the plays, and not a man could come through. If the backfield had worked equally well, the ball would have been put across easily; but, there was the opposite to the opening game though with not as drastic results. With just two minutes to play and the ball in the opponents' possession, they attempted a forward from kick formation, but our ever alert halfback Brown intercepted it and started down the field amid the roar of the spectators. Lilly passed the line and while shifting direction slipped and was held down by the Hartford fullback who followed close on his heels. Here Cooper lost its real opportunity, for the whistle blew with the next play; Trinity holding the lone tally. There was a game of real football, and the outlook for the coming frays seemed more favorable because of the improved showing.

The following week, the team travelled to Farmingdale to meet their ancient rivals, the Agricultural College. The unusual hospitality of the Farmers was displayed as they met the Cooperites at the station and conveyed them to the grounds by bus. The fighting spirit of the game was predominant as the big Green and Maroon teams swept on the field. With the very first kick it was evident that the game would be a very hard one. The team had improved both offensively and defensively and the Engineers had the better of the situation all through the first half. In the opening of the second half, a Cooper man fumbled and the Farmers scored on a safety. Cooper received on the opening of the final quarter and with the good work of Brown, Warshaak and DiMaria, the ball was carried down to the Green's twenty yard line. Here with Aggies halted the march, and the next three downs brought the ball to about the fifteen yard line. But then on the next play, Bateman, our Little Big Man made the ball describe a perfect parabolic curve over the goal posts, thus netting three points for the Maroon Team.

The rest of the game was played with all close formations, neither team being able to gain and were consequently forced to punt; thus the ball was kept going up and down the field until the final whistle blew with Cooper victorious by the score of 3 to 2.

This encouraged the squad, and with high intention of carrying on their attack, the boys traveled to East Stroudsburg, to play the State Normal College. The two week layoff and the opening of school affected the Maroon machine and the team lacked the co-ordination it had displayed at the "Aggie" tilt. The "Teachers" opened the game with a fine brand of football, their criss-

cross plays were very well perfected, together with their interference, which usually consisted of three or four men who would take out any Cooper Men who seemed dangerous. The periods were very long and the game ended 52-0, the Maroon Team having been unable to put anything across the Red Devils goal.

After another lapse of two weeks, the team left Cooper's Halls, without any form of sendoff from the students, to spend a restless night on a Steamer bound for New London. No one received much rest that night and in the morning, we left the boat via a special bus enroute to Storrs where the Maroon Eleven met the big Connecticut Aggies, leaders in the New England Conference. Just as the game was about to start, forty of the Orange and Black Warriors romped out on the field. They displayed a perfected form of game with real good plays, but the calibre of the light Cooper team cannot be denied for they worked hard and made ten first downs; although not consistently enough to score. During the game, the Farmers sent in four complete teams in which every man weighed more than any of Cooper's players, and the end of the game found Cooper defeated 68-0 with just eleven men left on the field, who had to fight to the finish as not a sub remained on the bench. The small group, happy even though defeated, left Storrs for the long journey home, the time being spent by doing "Diffs", "Calc" or by playing bridge.

The next week the Maroon eleven played its last game of the season with the New York Aggies, staging the return watch at Farmingdale. This was a part of their celebration of Visitation Day; they had invited the team and all Cooperites to join in with them for the Gala Event.

The Cooper side was well crowded and all hands looked forward to putting on as good a tussle as in the first game with "Brown Men of the Soil".

The Maroon machine started off leading a stormy attack upon the Aggies, but the big Green outfit offered a stiffer opposition than in the previous encounter. Van Orden, the Farmer's Captain, was back again playing fullback, having just recovered from a serious injury to his collar-bone received in one of the early practice sessions. Their most consistent ground gaining play was the hidden ball stunt, with which they had just defeated the St. Joseph team at Philadelphia.

The Cooper team was too lax during the field playing, bucking up only when forced toward the goal line; thus causing the loss of the game by the score of 27-0.

When the smoke of the battle had cleared, all those who had chosen to stay enjoyed a hearty meal, after which all hands gathered about the huge bon-fire and joined in the chorus of old time tunes.

This was the happy ending of the Gridiron Season of 1926 which though may not be classed as a very successful one was an improvement over the past few seasons.

There is no doubt that a national sport such as football will always hold its own as a major sport at Cooper, despite the numerous handicaps which the team encounters each season.

The ever prevalent atmosphere of good fellowship which surrounds the happy group as it winds its way to and from the games, exemplifies the spirit of the men and the school for which they are fighting.

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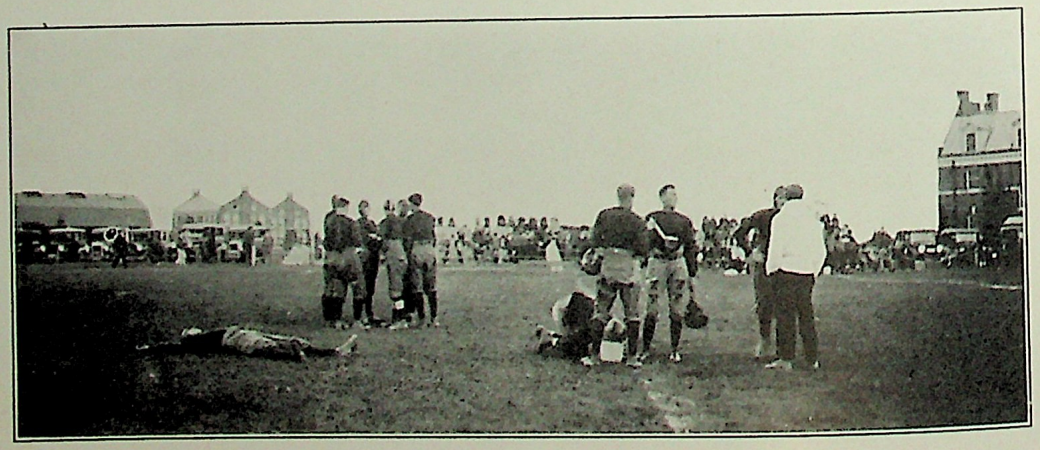

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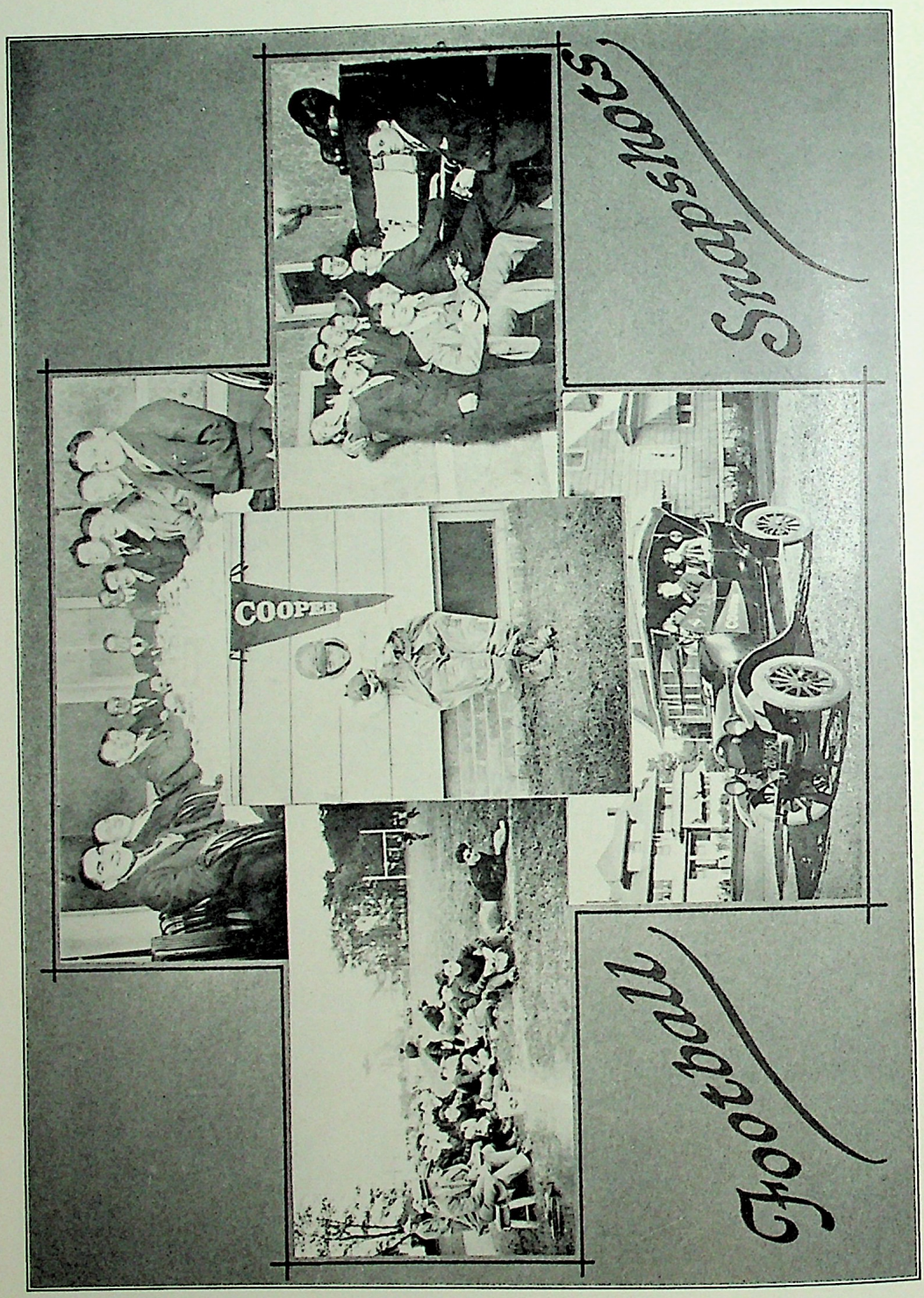

Snapshots
COOPER
Football

PIGSKIN PERSONALS

IN ALLOTTING the spoils of the conflict, no little credit is due COACH JOHN CASHMAN for the development of a plucky, fighting eleven. His accomplishment in schooling a number of men, embryonic in the gridiron sport, to a point where in a limited time they might cope with experienced, burly elevens, is to be marvelled at. While no All-American team was developed, a fighting and representative eleven wore the Maroon and Gold at the close of the season.

CAPTAIN JOE REINHARDT is the big little man of football at Cooper. No person connected with this sport worked more untiringly and more unselfishly than Joe. His enthusiasm and aggressiveness are characteristics well worth emulation by any successful team.

In DON BAIRD we had a manager of high calibre. And quite the opposite to what his name might imply, he hasn't done bad in this tough assignment. The impressive schedule of games hints at reams of night letters and correspondence.

In GENE BRASS, Don Baird had one invaluable aide. Gene surely did enjoy his chicken dinners just before the games while the rest of the team were fed on toast. For a manager without an assistant is as useless as that well known tin by-product of the Ford industries without gas.

GEORGE FRIEDL, our exurberunt captain-elect, displayed such a hard, consistent brand of football that the post at the helm of the team for next season could not be rightfully alloted to anyone else.

"JACK" BATEMAN, our little Napoleon, proved himself a field general of the most collected sort. In fact quite a few of the grid maulers collected themselves after this boy carried the pigskin through the line. His game was one of the best seen this year.

In "CHARLEY" CRAMER, the team had a guard most dependable. He is quite a husky boy and it is rumored that his wrestling tricks of the mat were experimented with at the expense of our foes.

CHECK! CHECK! CHECK! "RED" CORCORAN sporting the Maroon and Gold for the first time showed that his debut in the moleskins was an event long passed. He performed brilliantly and showed the cosmopolitan boys that Ohio State turns out good pigskin washers.

WARSHAK is one of our experienced guards and held down that berth with ease. However it is the consensus of opinion among his teammates that he is not so skilled in holding down the upper berth on the Boston Boat.

JOE DE MARIA was one man who could hold a headlock on the elipsoid no matter how elusive it might have been. His Herculanean limb booted the ball out of danger many times.

"CUPID" BEATTIE knocks 'em dead in both sexes. On the gridiron

he knocks them flatter than a pancake, and wherever there are coeds, look for an iron hat, and our beau brummel will appear beneath it .

DE SANTO'S performance this year showed remarkable development over last year and was one of the mainstays of the backfield. When placed in the line, a position was well filled.

FRANK DE SANTIS soothed many of the stains of the rigorous football year with the mellifluous, crooning strains of his uke. "Ukelele Ike" was a member of the "Harmony Trio".

In HENRY STROTHKAMP, we have the human steam roller. That proverbial saying that 'Nobody loves a fat man' was believed to be the truth by our friendly enemies since our 'teuton' steam roller made it quite hot for them on the gridiron.

JIM CARROLL showed us that a track man is certainly an asset in the tackle assignment. He played remarkably well in his initiation to football, and much is expected of him next season.

(TWEET TWEET) McLAUGHLIN disproved the theory that a light man is useless against brute strength. What diminutive Jerry lacked in size and weight was compensated for in his unusual pluck and grit. Jerry says, "the birds sing so sweetly in Stroudsburg". (Wonder why)?

"ART" CORNISH, our brutish guard was a mountain of strength on the line. Art was a steady player and could be relied upon to tear open a gap wide enough for the entire backfield to ride through in the "Buggy".

"TOM THUMB" WISE needs no introduction to Cooper football fans. His ability for snatching forwards out of the thin air was uncanny. However, if there was anyone whom "Dame Misfortune" harassed, it was Frank. In any mixup, Wise never came out intact, rather otherwise.

"NOISEY" CHIERT was always all over the field and wouldn't miss a play. Unfortunately, he injured his ankle at the Aggies and could not get back in the games till the end of the season.

BROWN, this year's "Lilly" surely did step into the halfback berth with style. WOW! couldn't that boy shift. Many a man dropped in the path of this phantom flash.

"BOB" BLEICHER, played a good game at guard and is one of the boys who will make up next year's line.

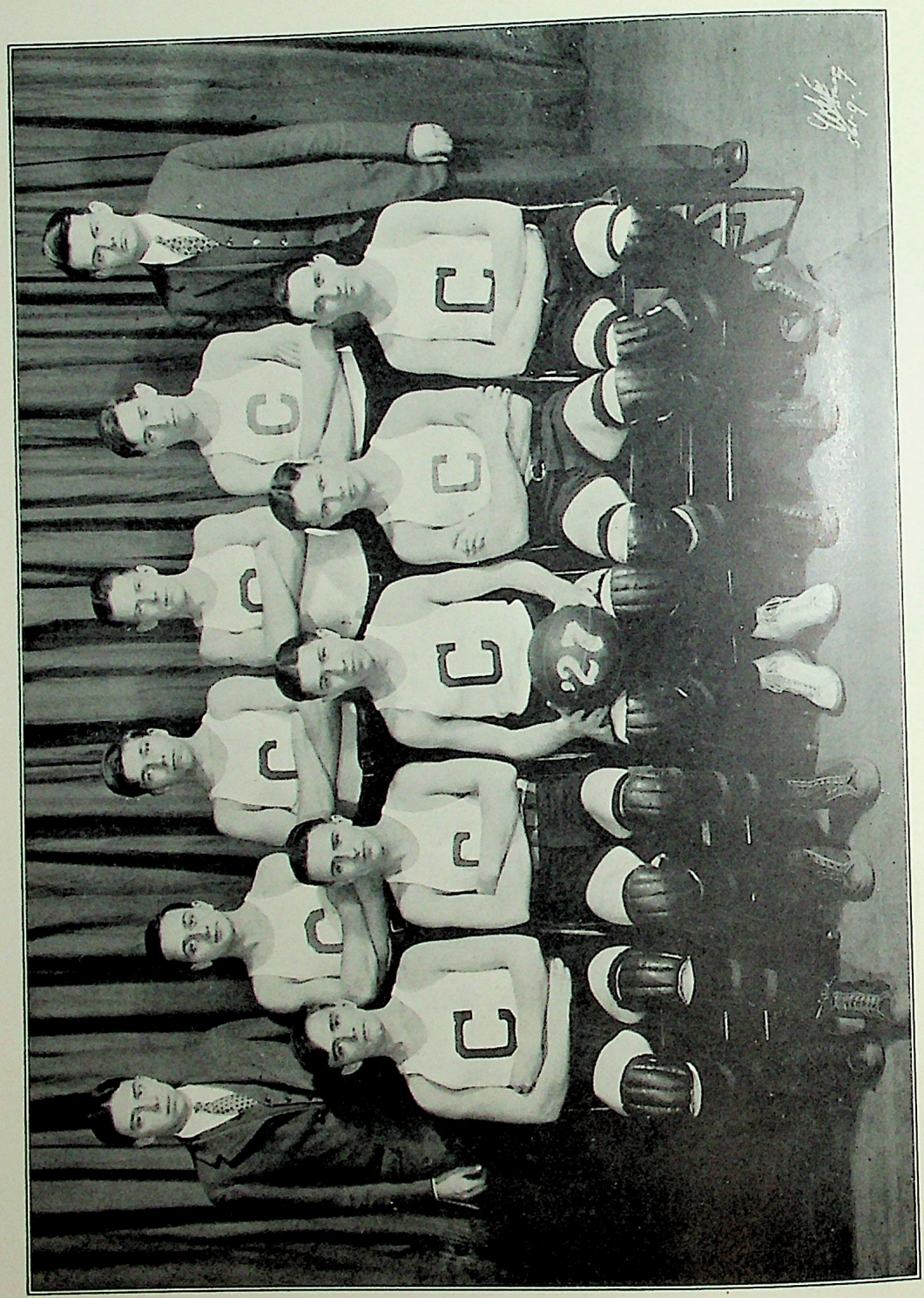
"PHILIPS"—Ask this boy about his "Butterfingers" at Storrs. 'Nough said, eh!

CREIGHTON was the lucky boy who played end and stabbed many a spiral from the atmosphere.

"NICK" MAURO is the boy who wrote up the games for the Pioneer. Whee! what an imagination that young artist possesses.

"CLIFF" CLARKE could not play due to injuries but travelled with the team as linesman.

GARSON, MARGOLIS, and WELTZER were reserve men of whom we shall expect big things next year.



TECH BASKETBALL TEAM, 1927

TECH. BASKETBALL

THE Tech Basketball season of 1926-27 got under way early in October with a large turnout for the first practice sessions. Among the missing were Judson, Fankuchen and Hegdorn, the first two having graduated and the latter having left the portals of Cooper for other pursuits. The loss of Hegdorn was a distinct shock to the team, for he had been counted on to continue to hold down the center position in his usual efficient manner. But there still remained Captain Miller, Colvin, Wood, Levin, and Muller. Around these men Tubby Raskin, former star of C. C. N. Y. and a pupil of Nat Holman, began to build a team. Of new material, two sophomores, Wardell and Oroven, and four Freshmen, Spinelli, Horgan, Wemmerus and Thompson showed promise of becoming varsity material. To Durfee fell the assignment to act as Assistant to Manager Miller, and to fill any odd moments in handling the stop watch or adding up the score.

The following weeks were spent in intensive training for the opening of the season. Wemmerus was breaking in to fill the position left vacant by Whitey Hegdorn. Practice workouts were held with a semi-professional team, over which the Tech squad had little difficulty in showing their superiority. A practice game was arranged with the C. C. N. Y. team, who later in the year were to rise to great heights, and the Cooperites made a remarkable showing.

Ahead of the Tech team loomed the hardest and longest schedule any Maroon team had ever faced. Twenty-two games were on the list, calling for contests in three states.

On the eve of the very first game, Wemmerus was lost to the team, leaving unoccupied a most important position with no one to fill it. The opener of the season was with Brooklyn Polytechnic Institute at Brooklyn. Handicapped by an exceptionally narrow court, which greatly hampered the Maroon style of play, Poly amassed a long lead in the first half. But in the second half, Cooper changed their tactics and backed by a fine cheering squad, put up a glorious fight and outpointed their rivals three to one. In spite of this, Poly took the game by a 28-22 score.

Encouraged by their first combat, the Tech Basketeers set out to do battle with the Columbia College of Pharmacy team. The end of the first half found Cooper in the lead 17-8. But the next half found the pharmacy team flashing a snappy comeback. In a desperate last minute rally, our opponents eked out a 24-21 victory. It was heartbreaking to lose this contest, and its loss proved fatal to the team because of the depression it caused.

The next game was with the Brooklyn College of Pharmacy. Lacking was the flash and spirit of the preceding game. Thus it was that the Maroon emerged at the low end of a 43-25 score.

Two days later, the squad once again invaded Brooklyn, this time to share the hospitality of Pratt. The Cooper cohorts were once again present to urge on their team. The Techers had regained their fighting spirit and flashed a fine brand of basketball. The first half showed them playing a stiff offensive game, so that the end of the half found them close behind Pratt, with the score

at 12-11. The final half opened with some nice teamwork by the Maroon, when Miller was forced out of the game on personals. Then the Tech defense broke and Pratt romped away to a 28-15 victory.

The next opponents were St. John's. Their adherents were both numerous and noisy, and they clamored for victory. They got it. Meeting the strongest team of the season up to that time, a team with experience and much confidence, the Tech team succumbed to the tune of 46-13.

The next game was with the Crescent A. C. This team presented a galaxy of former college stars that enabled them to run off with a 46-19 victory. but only with considerable difficulty. Miller proved to be the shining light of the evening, scoring twelve points.

Seton Hall came next on the Schedule. After a long trip to East Orange, the Tech ball tossers succumbed to the strong attack of the Seton Hall five. The Seton Hall center, one of the tallest in existence, accounted for 22 of his team's 53 points. Horgan, playing his first varsity game, was high scorer for Cooper, chalking up 7 of the Maroon's 16 counters.

Then followed a game with the N. Y. Aggies. The Aggies had their football team on the court, but the Cooper eleven was unable to be present, so the quintet was pressed into service. The Long Island lads were undoubtedly superior when it came to making line rushes and first downs, and so they carried off the honors of the evening with a 28 to 11 victory.

Just before the Christmas holidays, the Maroon five took on the Cathedral College quintet. During the first half, the Tech team played a fast and accurate game, but in the second half, the Cooper machine broke down when Cathedral started tossing pop shots from all parts of the court. Cathedral won, 29-14.

The new year opened and with it came the contest with the University Club of Brooklyn. This strong five was held by the Maroon at first, but were unable to keep them in check, University Club winning, 60-19.

Then came the game with Webb in which Cooper was barely nosed out. Getting away to an early lead; the half found Webb ahead by a substantial margin. In the second half, the Tech team cut down this lead and even forged ahead a point. A couple of lucky shots in the last minute of play enabled Webb to win 23-19. The way in which the Maroon came back was amazing. Webb was undeniably outclassed, but the breaks of the game enabled them to win.

The next two games were played in New Jersey, and both were lost, one to Upsala and one to Newark Tech. Upsala had a team that exceeded the Maroon in both weight and height, and won the contest 32-21. The fight with Newark Tech was one of the closest and most thrilling games of the entire season, and the Jerseyites fought hard for their 23-20 victory.

The first home game of the season was played against the C. C. N. Y. Night team. By virtue of a commanding lead gained in the first period, the visitors, although outscored in the second half, were able to emerge victorious 33-16.

The next game was played in the great Palestra of the University of Pennsylvania. Before 10,000 people, Cooper went down to defeat against

the Penn Junior Varsity. It proved to be one of the Maroon's finest games, one in which any loyal Cooperite could have taken great delight. The game fighting of the visiting team held Penn to a 16-14 score until half time. Then, by sheer weight of numbers, the home team clinched a 31-23 victory. Miller was the stellar player of that evening as in every other game, scoring no less than fourteen points.

The very next contest, that with the Lenox Hill A. C., the Maroon five lost 26-20; due largely to the poor foul shooting of the team.

At last the patience of the Cooper quintet was rewarded when Webb was encountered for the second tilt, this time on the home court. It was a great night for Cooper, a night replete with thrills. In one of the hardest-fought games of the season, the Tech five played as it had never played before. Webb, who shortly before had turned the tables on Pratt, was completely outplayed. Despite all that the score may seem to indicate, Cooper flashed a far superior game. In the closing period, the Maroon romped all over the court, overcame Webb's lead and forged ahead to win in a whirlwind finish. With seconds to go, Captain Miller scored the necessary points to bring the victory to Cooper, 29-28. Miller made a wonderful showing, and rung up sixteen counters.

Two days later came the contest with Savage. Hopelessly outnumbered, the Tech team had no chance against the Savage steam roller. Savage won, 53-17.

The Washington Square branch of N. Y. U. was next met. With the exception of Lewin, the Maroon did not play the game it might have and when the final whistle blew, Washington Square was leading, 33-17.

Playing their fourth game within a week, the Tech quintet triumphed over the Alumni. The game lacked the fooball aspect that Alumni-Varsity games so often assume. It was a contest between two real basketball teams, both fighting hard to win. The Varsity played the better game and won, 22-19, Miller playing against many of his former team-mates, was high scorer for the evening with twelve points.

The next game was with the New Jersey College of Pharmacy. The game was nip and tuck all the way, the Jersey lads winning in the closing moments of play, 25-22.

Then came the grand finale, the clash with the night five. Both teams were primed for the contest, and before a capacity crowd, they battled for supremacy. The Tech five got away to an early start and soon were leading, 7-0. But the fighting Night Quintet came back, overcame the lead, and finished the first half on the long end of an 11-10 score. In the second half the Tech team, playing as they had never played before, replied with a vengeance. Flashing a well night impregnable defense, combined with a crushing offensive, the Tech five forged ahead: their teamwork which was amazing, and their passing fast and accurate. The night five were soon far behind, fighting desperately. But, fight as they might, they could not rise above the superior playing of their opponents. The Tech quintet took the game, 27-20.

Carlyle Miller, Captain of the Tech Team, playing for the last time under the Maroon, was easily the outstanding star of the game. Miller is one of the finest basketball players the Tech has ever turned out. His three

years of service to the team were marked by his earnest endeavors and his hard work. To Miller must go untold credit for the development of basketball in Cooper.

Thus ended the season of 1926-27. The difficult schedule, the grind of practice, all were over. The season had been a success; they had triumphed over the Night School, and so the final curtain fell upon a glorious year.

SIDE SHOTS

Captain Carlyle Miller reports that if he were to play another year on the Tech team, he would demand the same salary as Babe Ruth. This would put quite a dent in the A. A. Treasury. Eh?

George Colvin, the Montana cowboy, packs a wicked shot. Georgie can drop them four in a row without a quiver. A dangerous man, eh wot?

Harold Lewin and Oke Muller are the Siamese twins of the team. Wherever one is the other is also; (usually not far from the Art School).

Harvey Wood certainly has his hands full, for he has to hold down two jobs, that of a forward and of the team Adonis.

George Wardell hails from Connecticut, but even that handicap could not keep him off the team.

Frank Spinelli makes a specialty of those low, flat shots that just graze the edge of the basket—and then go in. Frank figures on giving his opponents a bad attack of heart failure, thereby making his shots do double entry.

Edward Horgan has a mean eye for the basket and the fair sex. We should not be surprised someday to see that Ed had popped—and been accepted.

Gordon Thompson is the best wrestler on the team. He is also a track star of no mean ability. But as a basketball player!—well, it is reported that John McGraw is anxious to sign him up.

SCHOOLS OF SCIENCE AND ART

Basketball

BASKETBALL was started at Cooper in 1920, when the formation of the squad met the usual handicaps of a new sport. Although the services of Dave Tobey, a well known coach of college circles was obtained for the Cooper team, the season was not a successful one, due to the fact that no gym was available for practices; nor was there any school spirit shown by the student body with financial aid to meet the expenditures of the season.

During the following years Cooper was represented by a number of strong teams who proved their power by encountering Fordham, Princeton, St. Francis, the Crescent A. C. and teams of such calibre.

However, strange as it may seem, the successful cycle of Basketball at Cooper seemed to have ended and we were again confronted with the same conditions as in our first year.

By efforts of our Graduate Manager, Milton Abramson, we were finally granted the use of Stuyvesant Gym and practices which were to be started in October were not in swing until December. This made it necessary to cancel a number of games on the schedule and thus the basketball season was reduced to the smallest in Cooper's History.

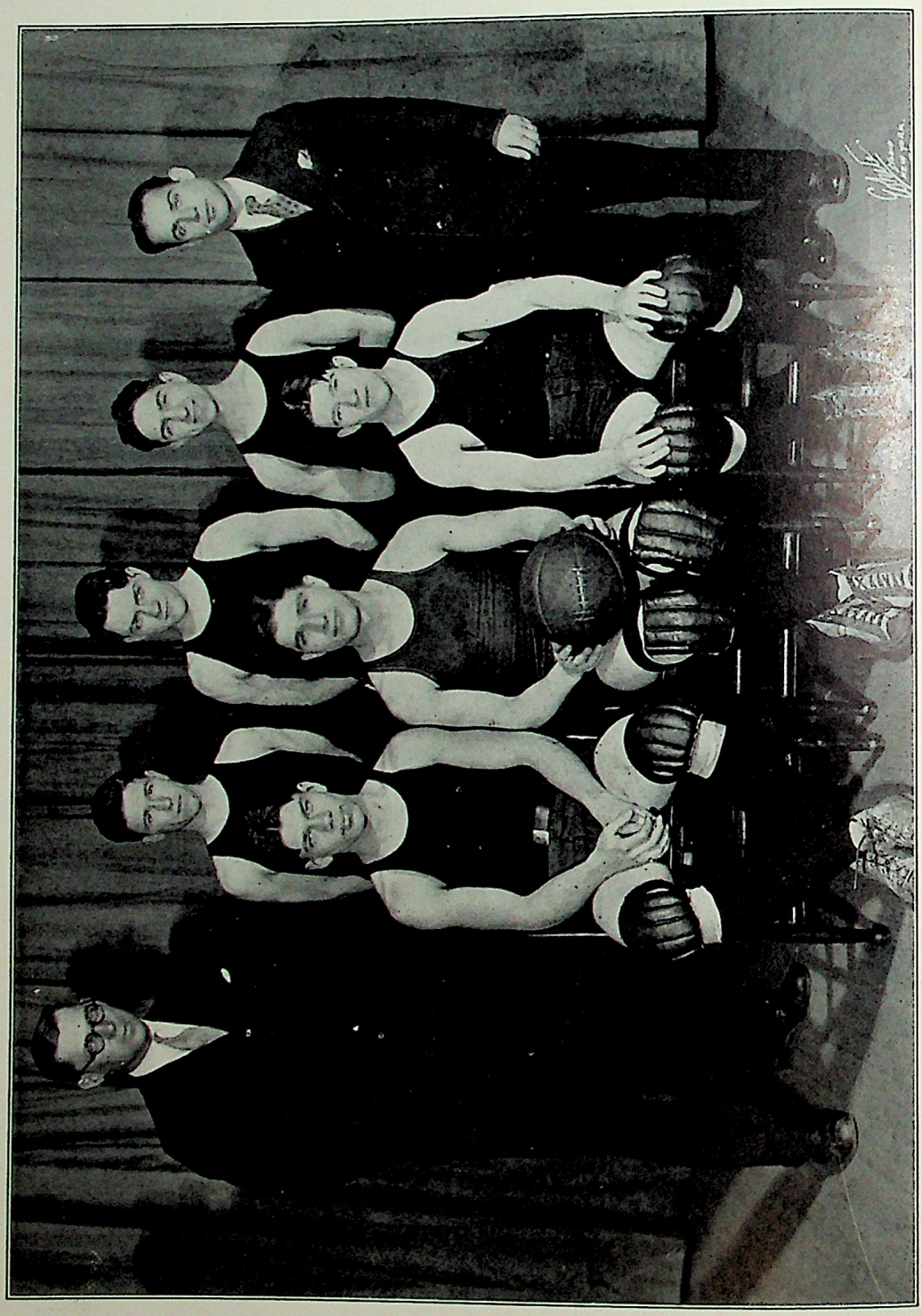
Due to the low financial status of the Athletic Organization, we were unable to engage a coach. This was not as serious a happening as it may sound as the team was fortunate in obtaining the services of Nat Ludwig, a luminary during the successful era of basketball at Cooper.

A great deal of credit is due to this man for it was through his hard, and fruitless efforts that the small squad which represented Cooper Night has been kept together. In spite of the fact that many of the men had been declared ineligible, a squad was built up with Kuczma and Slavin from last year's team, together with Lawrence, Hradecky, Moore, Fischer and Greenberg who played on the Junior Varsity a few years ago.

On Saturday, December 15th, having had but two practices, the night quintet succumbed to the C. C. N. Y. School of Commerce. In spite of the handicaps the boys put up a great battle losing by the score of 27-13. Lawrence and Greenberg showed up well for the Maroon team.

On January 3rd, the squad left New York City for the wilds of Connecticut, for on that day they were to meet the Connecticut Aggies at Storrs. The team arrived at the Farmhouse just in time to hop into their togs and get on the court. This was quite strenuous for the boys and they felt lost as they romped on the spacious Armory floor. The Aggies had part of the 212-lb. football line on the court and the Cooper lads were soon tired out and lost to the tune of 44-17.

The Night Quintet celebrated Washington's Birthday by defeating the C. C. N. Y. Night Main Branch in their large and spacious gym. The Maroon team lead in the first half with a score of 9-6; but the Lavender team however,



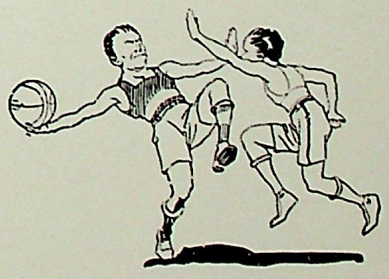
BASKETBALL TEAM 1927

staged a good comeback and forged their way ahead. They were not in the lead long when the Cooper boys rallied again and Greenberg netted the winning basket just a few seconds before the final whistle. Thus the game ended 20-19 in Cooper's favor.

Then came one of the Annual Classics; the game with the Alumni. This was a gala event and many of the stars of the previous year turned out to defend their laurels. The boys clashed at Stuyvesant Gym and battled before an enthusiastic throng. There were Grads and Undergrads, each cheering their utmost to urge their team to victory.

It was a fast game throughout. The Alumni team included, Suarez, Fido, Spiro, Hoffman, Basen, Miloche and Josephs. All these men were once proud strutters of the Maroon, now they had come back to show the youngsters just how to do it, but to their surprise they found that the Night Quintet was not so easy at that, for they brought their older brothers down to defeat, 31 to 22.

As in previous years the closing game of the season was with the Day School. This is usually the biggest turnout of the season. Last year was the first time in five years that the Tech team won; however, they seem to have set out upon a new course and defeated the Night five for the second time. However we may safely state at this time "They shall not win again."



TRACK TEAM 1927—SCHOOL OF SCIENCE AND ART

TRACK TEAM

TRACK is now a major sport at Cooper, having been made so last year by the Student-Body and has proven its right to be considered as such. It interests as many members of the students as any other sport, having had more than fifty candidates for places on the team this season. The squad has been cut down and at the present writing there are in the neighborhood of thirty men with the team. Jim Carroll, the Captain of this year's team and last year's Manager, was the guiding force that piloted the team through a banner season last year.

During the indoor season of 1925-26, the team did not succeed very well, failing to get a place with the relay team in any of the meets; but to offset this, several individual honors were captured. This year, however, conditions are quite different as the relay has become a dependable factor in the meets for Cooper and not merely an added entry.

The team placed sixth in their first appearance this season at the Fordham games, against twenty-one other colleges and clubs; including St. Johns, Seton Hall College and New York A. C. who were outclassed by Cooper's foursome. The team has also taken a number of individual prizes so far this season which is nothing short of marvelous when one considers that New York City is the "Mecca" of the track teams of the country.

The team, during last year's dual meets, took first place in every sprint and shot-put event, first and second in every mile event, and was always sure of good positions in the half and quarter mile, the relay and the broad jump.

The squad has been working hard under the direction of Jack Kelly, the Coach, and ought to make a good showing this season in the dual meets. There have been four or five very promising men unearthed out of this year's freshman material, among whom are a number of good quarter milers.

The first of this year's Park Meets is with Seton Hall and will probably be the stiffest test of the team this year. Track is a major sport at this College, and when such is the case, the team is usually a strong one. They have one of the ablest coaches in the profession, and one of the indoor season's distance sensations in their squad. One can readily see that this ought to be a "bang-up" meet.

The next meet is with Savage and ought to be a corker. This is the team we beat by one point last year and are standing impatiently by, with a well planned attack for this season. They'll get another crack, but they had better be careful as it may rebound without warning.

Then comes the meet with St. Johns which will be a tough one. If we are sitting "in the lap of the Gods" and the Gods don't stand up, we ought to win this meet.

Newark Tech, our last dual meet, has a greatly improved team over last years's and the meet ought to prove a "Nip and Tuck" affair right through. This meet is our only home meet and will be held at McComb's Dam Park, our home track, 161st St. near the Yankee Stadium.

The following are the members of this year's Mile Relay Team, which has been doing such fine work:

Jim Carroll, Paul Dwyer, James Quinn, John Golden, Wm. Lancaster and Calvin McPherson. Any four of these men are well able to hold up Cooper's laurels.

Among the sprinters are Al Milford and Julius Tauss, both of whom did so wonderfully well last season. Here's a fervent wish that they repeat their performances this year.

In the serried ranks of the "440" men, beside those mentioned for the relay, we have Tierney, Schwenk, Pullman, McKay, and a few other lesser luminaries.

Among the exponents of the "880" we have Dearie, Berry and Healey. In case you don't know Healey—he's the chap with the muscular build. What a man! Dearie is "he of the many ties," and does he spend time tying them! Berry? Oh well! He's the berries—he and his passionate sweat shirt.

The milers include Walter Fritschi, last year's star with Dearie, Healey, Beebe and a few others.

One of our "220" men is Cadavero, the "bird" who never gets to places on time, but just the same a "220" man is a handy article to have around.

Our broadjumper is Gerald McLaughlin, who can surely "Yump by Yimminy" for even though this line of the squad is thin, it is well upheld by Jerry.

By the way, this is a branch of the service where we can use more men, so bear this in mind and get into the stride.

The high-jumpers are Sperr and Miller. Quite a pair of "Jumping Jacks" to be sure.

Joe De-Maria and Art Cornish, "The Elephant Twins," are the shot putters of the squad. Talk about your Thundering Herds!

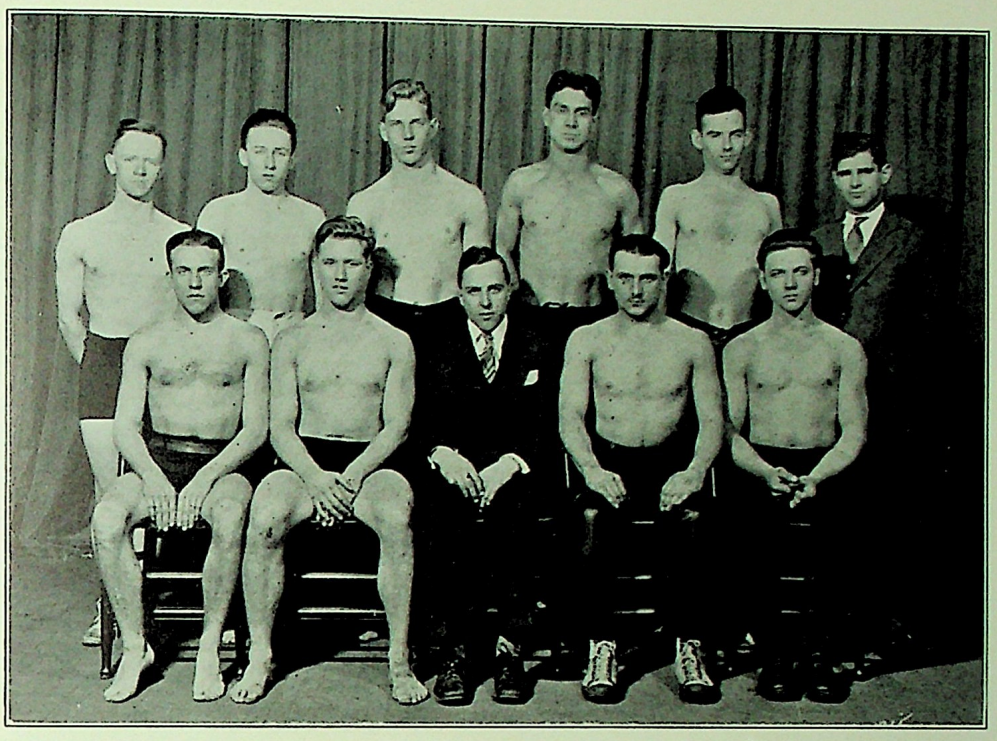
This article will be closed with an exhortation to the student body to stand behind the team. They need your support. You know that if a team is on the field of sport fighting to the "last ditch," it is at this "last ditch" that the team needs your moral support most. Let's see a few, if not all of you at some of these meets.

The scores for last season's outdoor dual meets are as follows:

April 10th—Cooper, 36; Savage, 35.
April 17th—Cooper, 45; Newark Tech, 19.
April 24th—Cooper, 36; St. Johns, 40.
May 1st—Cooper, 54; Newark Tech, 15.

The schedule of this year's dual season follows:

April 2—Seton Hall College at South Orange.
April 9—Savage, away.
April 16—St. Johns, Brooklyn, P. S. A. L. Field.
April 30—Newark Tech, McCombs' Dam Park.



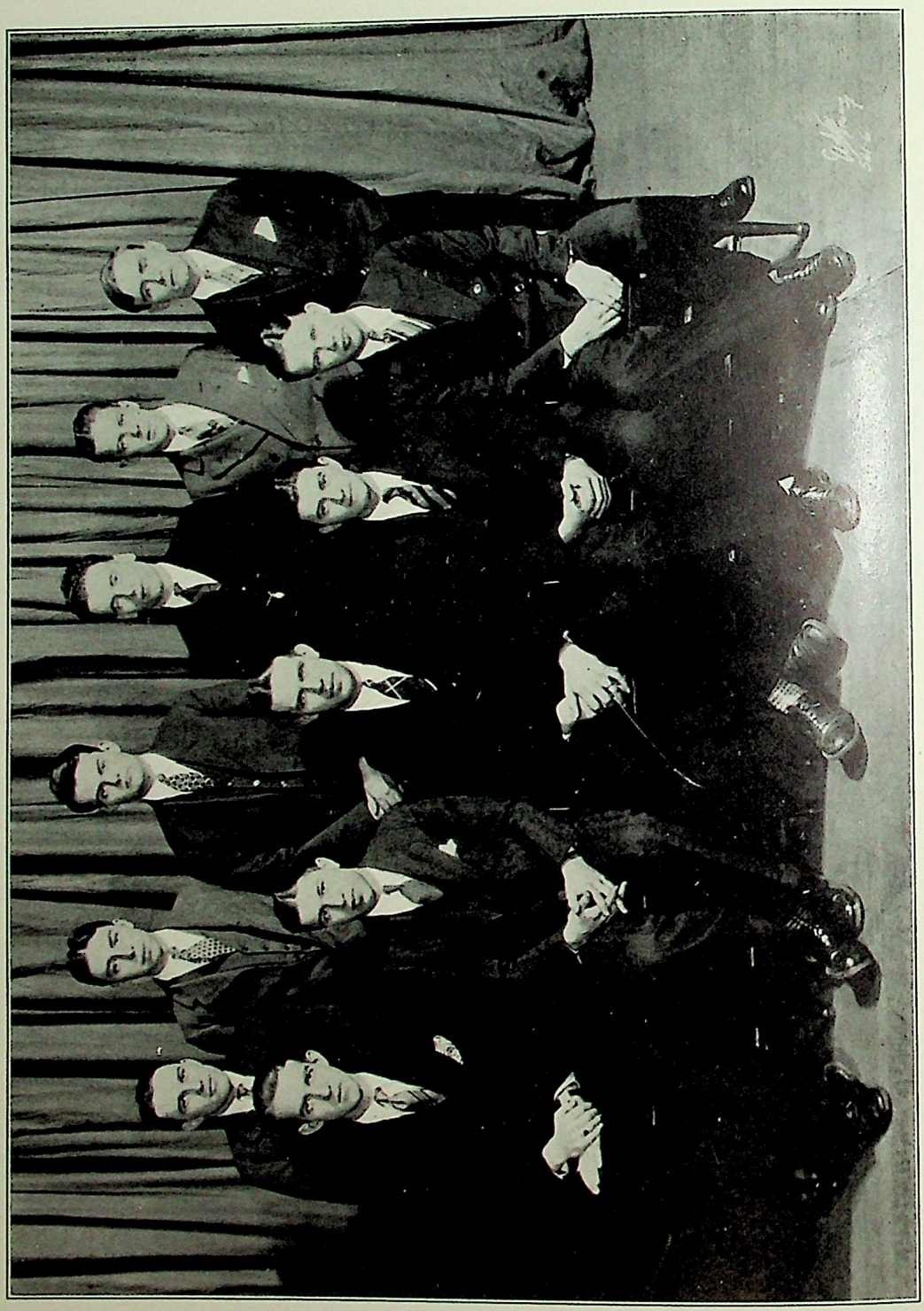
WRESTLING TEAM, 1927

WRESTLING is Cooper Union's newest sport; 1927 being its first season at the school. Despite this fact, the coaches have succeeded in developing, out of nothing but inexperienced material, a fairly well balanced team with plenty of good substitutes. In fact, the outlook for the remainder of this year and future seasons is very promising. Not a single man shall be lost through graduation, which increases our chances for a very successful 1928 schedule.

Two rather close contests were lost to the Sea and Land Club and the Madison Ave. Presbyterian Church. But, by the time we meet Poly Tech. in the latter part of March, we should be able to give a good account of ourselves.

Now for a word about the coaches. Cooper's wrestling team has two coaches, which is an astonishing fact for a Cooper team. The head coach, Mr. Carter H. Harrison, was former intercollegiate 135-lb. Champion and wrestled on the Annapolis Varsity for three years. Mr. A. C. Christensen, the Assistant Coach, was former middle-weight Champion of the U. S. N. and an active professional wrestler for many years. Coach Harrison takes care of the light men and Coach Christensen the heavy boys.

Come out for wrestling boys, represent Cooper on the "mat," with an early start for the 1928 team.



TECH BASEBALL TEAM 1927

TECH. BASEBALL, 1927

PSYCHOLOGY, physics, law and all else rightfully place tremendous importance upon a beginning, a start, a commencement and an impulse or initial momentum:—"What's well begun is half done," said Horace. Captain Carlyle Miller, in full psychological, physical, lawful and "all elseful," in sympathy with Horace, took upon himself to be Cooper's inital momentum way back in the days when other baseball magnates were just beginning to weigh Ty Cobb's value as a gate receipt attraction with speculative seriousness.

The first shock of the season came to the Cooper rooters with the announcement by the Athletic Association that its financial status would not permit it to send the rookies to the St. Petersburg Training Camp, Florida, this spring. In an attempt to overcome this catastrophe, indoor workouts were held in the Church of All Nations' Gymnasium for fielders as well as batteries, upon completion of basketball festivities. Consequently, as soon as the frost was out of the ground, the ball tossers migrated to the great "Cooper Bowl" (alias basin) and they soon were in mid-season form.

Unfortunately, inclement weather prevented several outdoor practices at a time when every moment was exceptionally precious in view of the relatively early closing of our school year. But the team was imbued with the customary ambition; it felt just as it did last year and the year before—that this would be the Cooper year. The material imported via the freshman class route substantially braced the baseball cause of the Institute and it soon took on a wholesome, even robust aspect when compared with last season's initial outlook and accomplishments. Of course, we don't mean to intimate anything against the success of last year's aggregation. We never use that kind of language! It must be conceded that the team rallied admirably from the corpse that it had been. The outfield was reorganized and the infield had to be revamped; new faces appeared at several posts. The result was a very formidable defensive machine which later proved to be just as belligerent on the offensive.

Although when measured along the time-worn lines of set standards, this season was not particularly colorful, we place it among our successful ones because it has built a foundation for next year which promises to uncork achievements rivaling anything formerly approached in any past season, even if we count those harking back to the early traditions of the game at Cooper in the good old days when the only fellow on the diamond accused of being crooked was the umpire.

Due to the fact that great quantities of Spartan blood surge in our veins, defeats are forgotten—we wish only the records of victories to go down for posterity.

WEARERS OF THE "C"

Schools of Science and Art

Football

Major "C"

JOHN BATEMAN
SAMUEL BEATTIE
OTTO BLEICHER
JAMES CARROLL
JOSEPH RHEINHARDT
SIDNEY CHIERT
JAMES CORCORAN
ARTHUR CORNISH
CHARLES CREAMER
DOMINIC DI SANTO
GEORGE FRIEDEL
T. GERALD MCLAUGHLIN
WILLIAM PHILLIPS
FRANK WISE

Minor "C"

JOSEPH DI MARIA
MORRIS MARGOLIS
FRANK DE SANTIS

Basketball

Major "C"

MILTON ABRAMSON
JOSEPH GREENBURG
RUDOLPH HRADECKY
ANDREW KUZMA
JOHN MOORE
ROBERT SLEVIN
PETER TORRACO

Track

Major "C"

JAMES CARROLL
ARTHUR CORNISH
JOSEPH DI MARIA
PAUL DWYER
WALTER FRITSCHI
JOHN GOLDEN
EDWARD HEALEY
THOMAS MCLAUGHLIN
C. MCPHERSON
A. MILLER
ALFRED MILFORD
JAMES QUINN
JULIUS TAUSS

Institute of Technology

Basketball

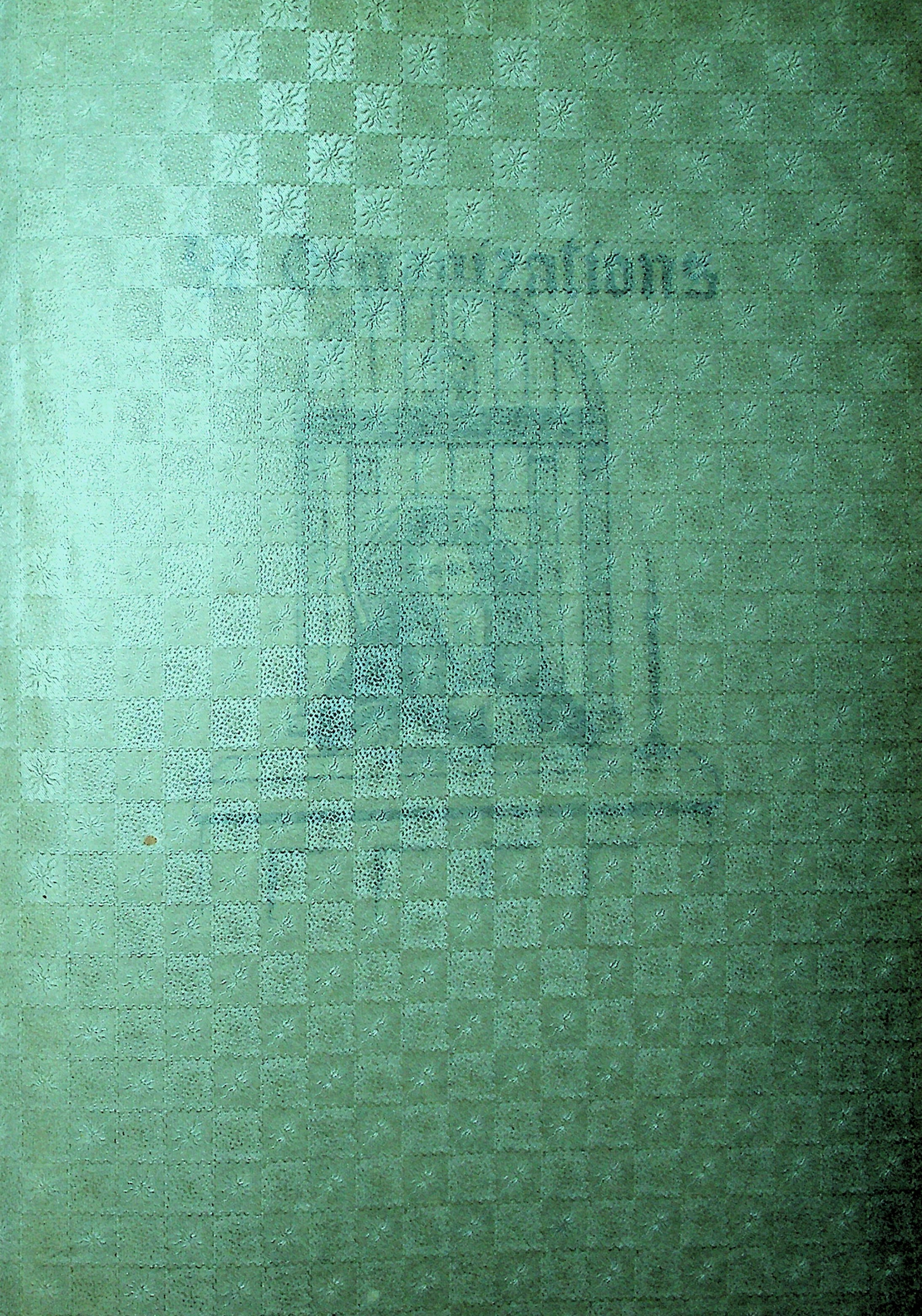
Major "C"

GEORGE COLVIN
O. MULLER
CARLYLE W. MILLER
HAROLD LEWIN
HARVEY WOOD

Baseball

Major "C"

G. WARDWELL
E. CRITCHLEY
CARLYLE W. MILLER
C. JOHNSON
LOREN DE LANTY



WEARERS OF [illegible]

Schools of Medicine [illegible]

[illegible]

JOHN BATEMAN [illegible]
SAMUEL BEATTIE [illegible]
OTTO BLEICHER [illegible]
JAMES CARROLL [illegible]
JOSEPH RHEINHARDT

[illegible]

JOSEPH DI. MARIA [illegible]

[illegible]

MILTON ABRAMSON [illegible]
JOSEPH GREENBURG [illegible]

[illegible]

JAMES CARROLL [illegible]
ARTHUR CURRIER [illegible]
JOSEPH DI MARIA [illegible]
PAUL DOTEN [illegible]

Institute of [illegible]

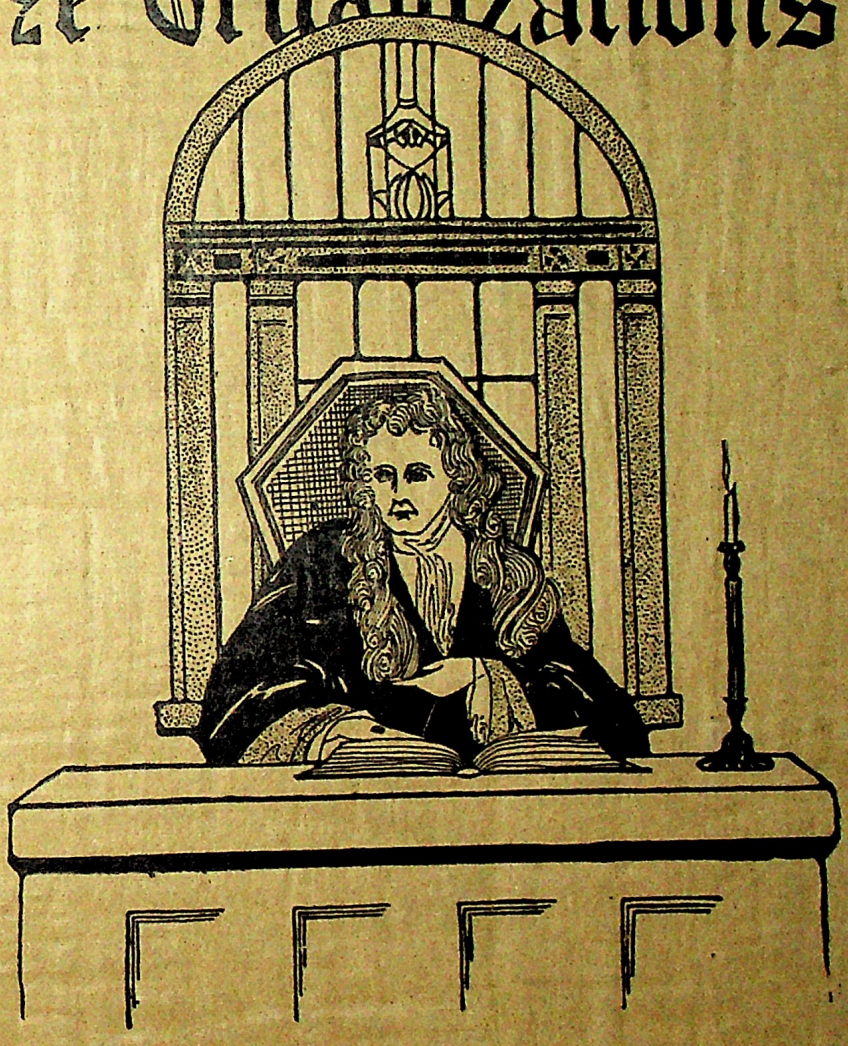
[illegible]

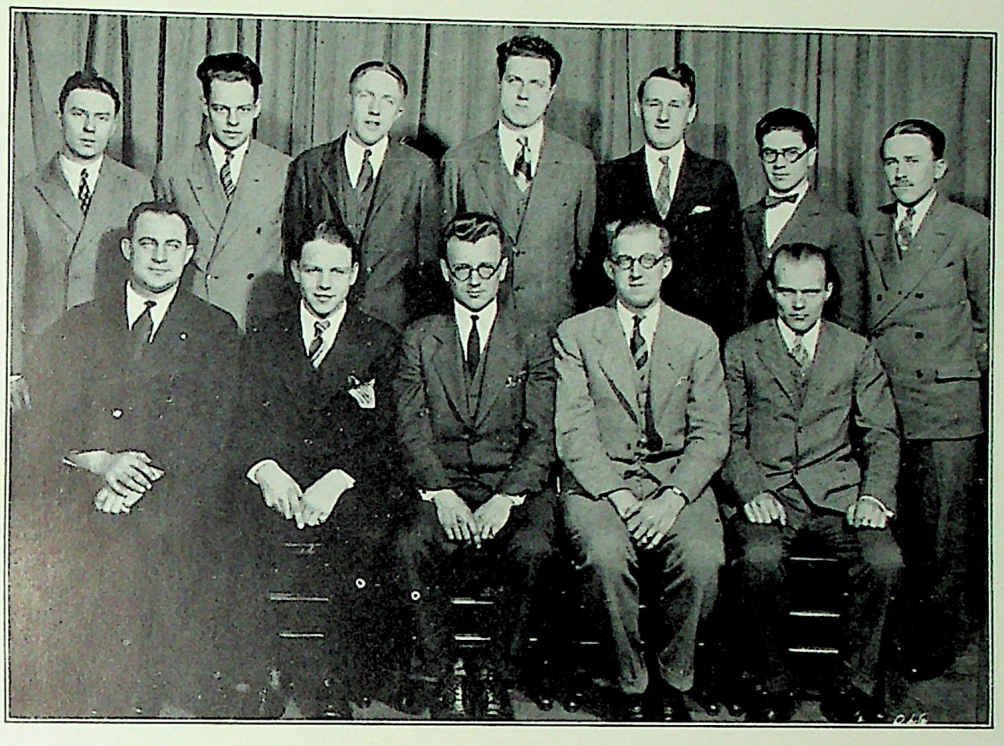
GEORGE COLVIN [illegible]
O. MULLER

[illegible]

O. WARDWELL [illegible]
E. CRITCHLEY

Ye Organizations





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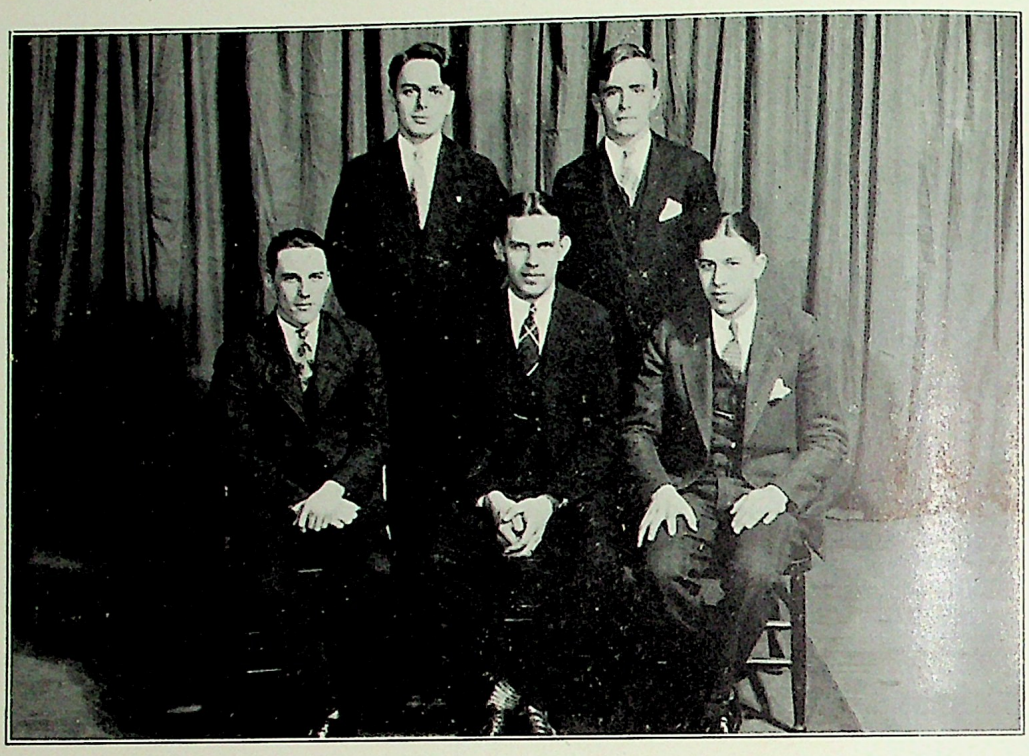

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WILFRED HENSCHEL

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Students Council
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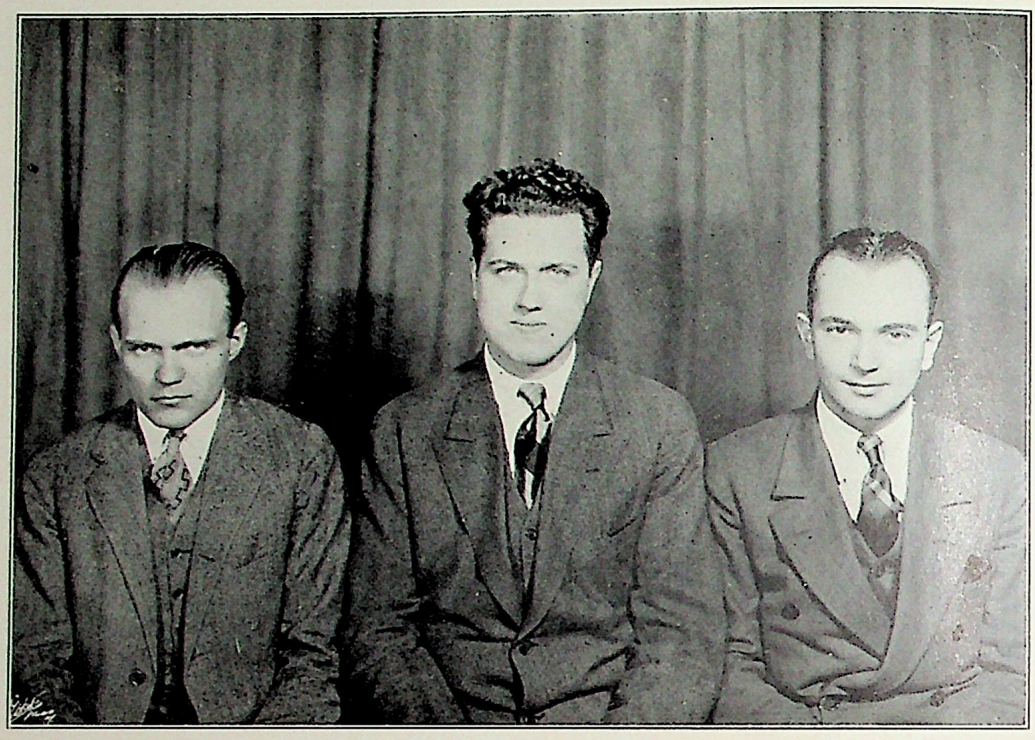

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Vice-President
EUGENE W. BRASS

Secretary
JAMES CARROLL

Treasurer
ARTHUR CORNISH

Faculty Adviser
PROF. R. C. BRUMFIELD

TEAM MANAGERS

Football
DONALD W. BAIRD

Basketball
JULIUS ABRAMSON

Track
JAMES CARROLL

Athletic Association
Institute of Technology

President
DOUGLAS Y. SMITH

Vice-President
HARVEY W. WOOD

Secretary
GEORGE F. COLVIN

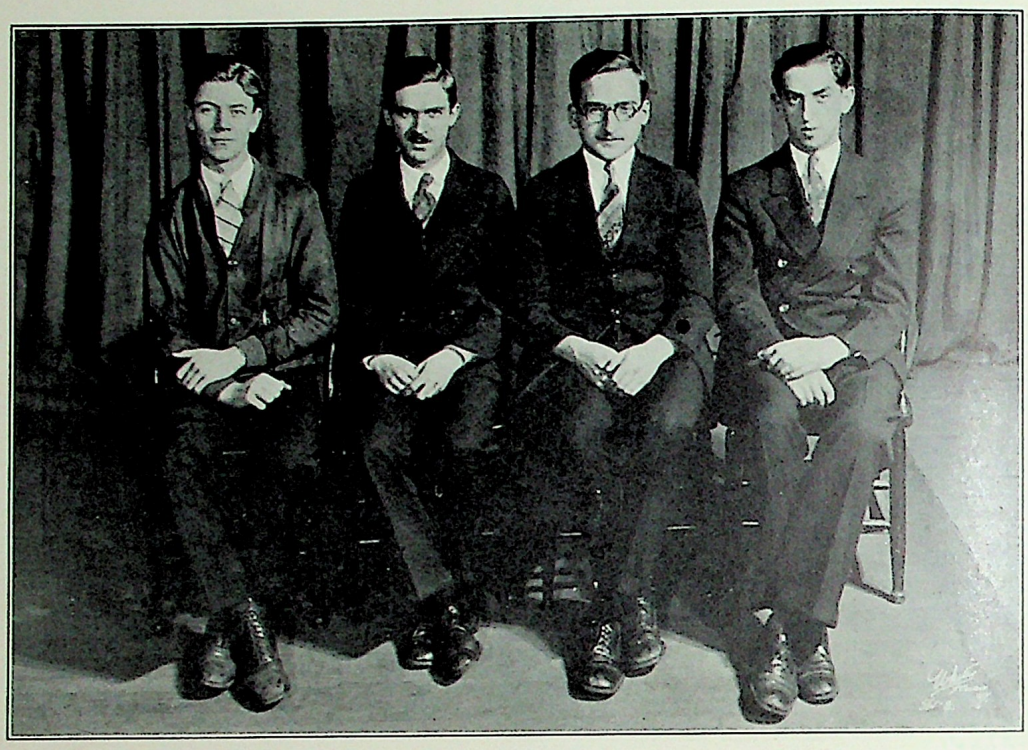
Financial Secretary
CARLYLE W. MILLER

Faculty Adviser
PROF. R. C. BRUMFIELD

TEAM MANAGERS

Basketball
CARLYLE W. MILLER

Baseball
LESTER C. HAMMOND



Chemistry Club

President
ABRAHAM BERKOWITZ

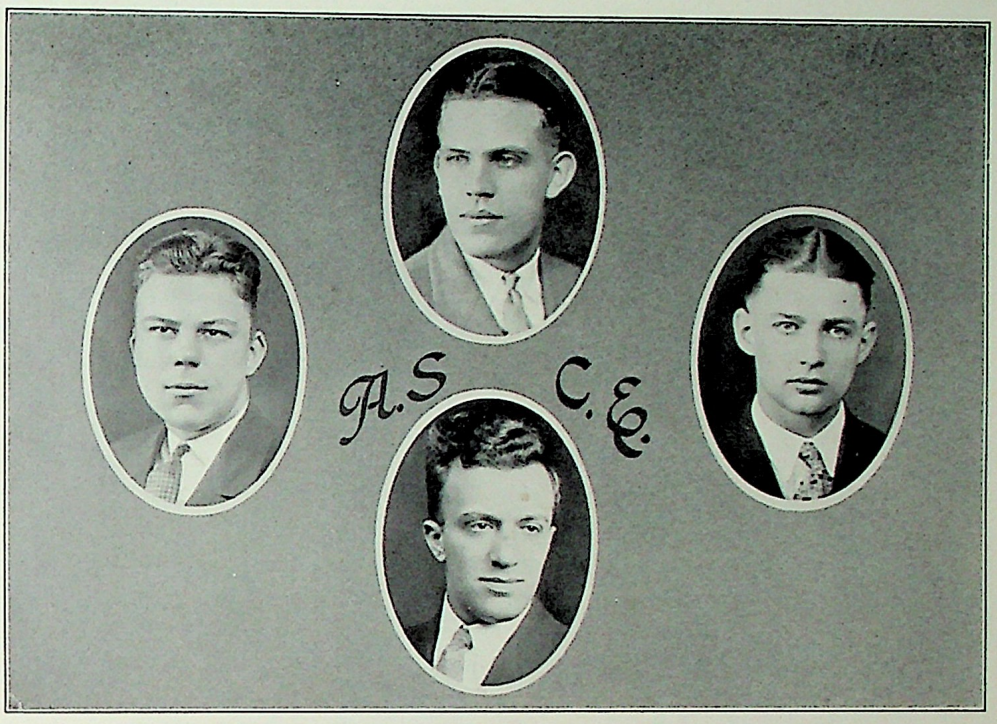
Vice-President
MICHAEL POWSNER

Secretary-Treasurer
MARVIN TANNENBAUM

THE Chem Club was organized in the Fall of '22 for the purpose of supplementing the course in Industrial Chemistry with invitation lectures by members of the Faculty, industrial authorities, and student members.

Following the election of officers, the year's program was started with an address by Dr. Byerson, "The Place of Science in History." This was followed by a talk from Professor Weaver on "Mr. Fixit, the Trouble Doctor," wherein was mentioned the trials of an industrial chemist. The remainder of the year was devoted to lectures by professors of the Chemistry Department and other authorities, as well as student talks.

A theatre and dinner party was held during the Christmas vacation. The members assembled to see "Honeymoon Lane," finally ending up with a sumptious repast at a well known restaurant. Although a small group, members are convinced that this has been the best "Chem Club Year" yet.



Student Branch
American Society of Civil Engineers

Chairman
C. L. HAMMOND

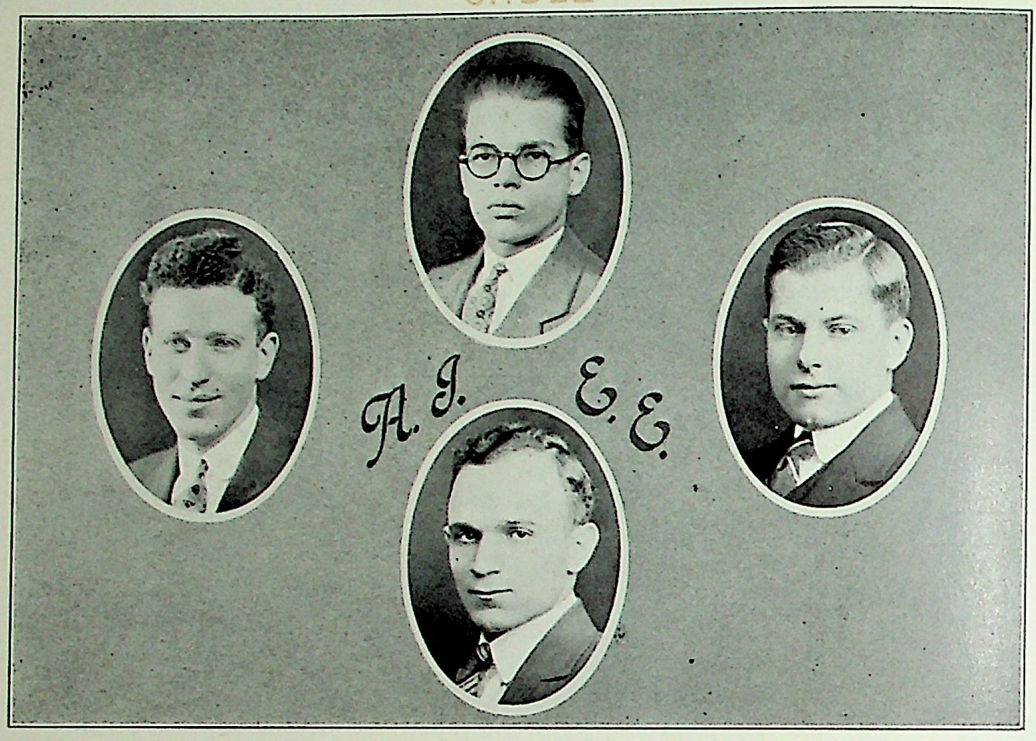
Vice-Chairman	*Treasurer*	*Secretary*
G. G. SKAU	J. L. CAGNANI	W. VANDERHOUT

THE cooper Union Student Branch of the American Society of Civil Engineers was formed in 1924. During the three years of its existence many prominent engineers addressed the organization.

The first meeting of the present term was held in the early part of December. Mr. McMillan, structural engineer of the Philadelphia office of the Portland Cement Association, gave an interesting lecture on the "Theory of Reinforced Concrete." A two reel motion picture, presented by Mr. McMillan, gave us an insight into the manufacture of cement. At the next meeting we had the pleasure of listening to Mr. Rosengarten, traffic engineer of the Asphalt Association, who delivered an illustrated lecture on "Asphaltic Concrete."

The next meeting is being looked forward to by the members with great anticipation, for at that time Mr. Grove, manager of the New York division of the American Bridge Company will talk on "Modern Bridge Erection."

At present plans are under way for a joint meeting of all the Engineering Societies of Cooper Union to be held the latter part of March. This will be the last meeting of the year and will climax a very successful year for the 'Civils.'



Student Branch
American Institute of Electrical Engineers

Chairman
HENRY T. WILHELM

Vice-Chairman
JOSEPH KAHN

Secretary
EDGAR T. REYNOLDS

Treasurer
FRANK CONGILOSE

THIS organization has had an active year; meetings have been held monthly, and have all been well attended. Among the topics which have been presented at meetings are the following:

"Electrification of Railways," *by Ralph Ressler.*

"The Cathode Ray Oscillograph," *by F. J. Rasmussen, Bell Telephone Lab.*

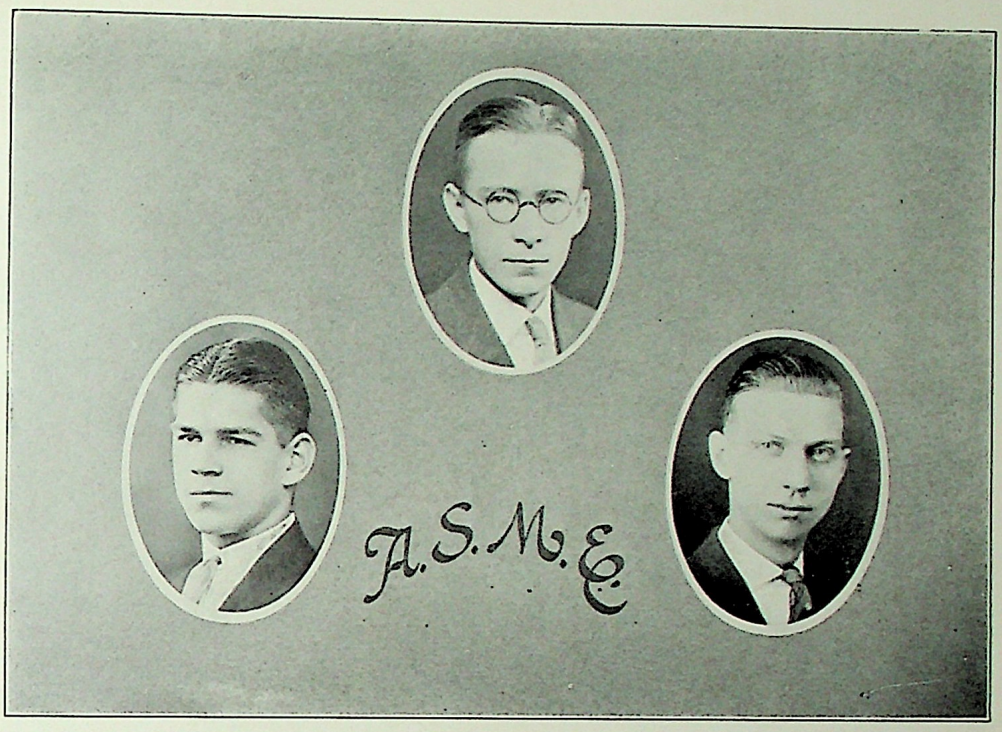
"Railway Signaling," *by H. T. Wilhelm.*

"The Development of Telephony," *by H. F. May.*

During December an inspection visit was made to the 59th Street Power Plant of the Interborough Rapid Transit Company.

During April, the A. I. E. E. branches of all the colleges in the metropolitan area held an all-day convention. Last year, D. Y. Smith, representing Cooper, was awarded honorable mention for his paper, "Recent Developments in the Manufacture of Vacuum Tubes." At the convention this year, the representatives of the Cooper Union Branch will have charge of the inspection trips. It is also planned to participate in the joint meeting of all of Cooper's engineering societies.

The branch has been fortunate in having the ready and willing co-operation of its counsellor, Professor Towle, and is very grateful for his assistance.



Student Branch
American Society of Mechanical Engineers

Chairman
RUDOLPH PAULSEN

Secretary
PETER DOUGLAS

Treasurer
GEO. W. MORGENROTH

Honorary Chairman
PROF. BATEMAN

THE first meeting of the Branch was held on November 20th, 1926, at 2.30 P. M. The speaker was Mr. L. P. Alford, an authority on industrial management. Mr. Alford showed the benefits to be derived from scientific management of industries, and illustrated with concrete cases.

On December 8th, 1926, Cooper Union sent two of the members of the Branch, Chairman Paulson and E. Staver, to the student branches convention during the annual convention of the Society. The members heard Mr. Schwab, President of the Society, speak.

The first mid-monthly meeting of the Day School members was held on December 23rd, 1926, at 4.30 P. M. Chairman Paulson told the audience a few things about the Society and then introduced Prof. Bateman, who spoke on the advantages of an engineering education. The next speaker was a senior, Ed. Schwarz, who outlined the course in Cooper Union and showed how each subject was useful to the student.

The major part of the activities of the Branch will be visits to machine shops, power plants, ships, etc.

Tech Rifle Club

President
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Vice-President
EDGAR T. REYNOLDS

Secretary
FRED SHEPARD

Treasurer
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Tellers
FRANK A. FORRESTER

Ex-Officer
JOHN MEEHAN

COOPER has at last organized a rifle club! This promises to be the coming activity at Cooper, for the school has long had talent in its ranks as far as rifle shooting is concerned, and now with a rifle club definitely organized and a team in the making, Cooper bids fair to hear some startling results in the coming year from this youngest of Cooper's activities.

Many of the budding engineers of the Tech have been awarded sharpshooter and marksman medals at camps, and still others have distinguished themselves in High School rifle shooting, so with this material on hand, Cooper hopes to make a name for itself in rifle shooting.

Ex Post Facto

1927

EUGENE W. BRASS
Chairman

CARL A. VILL — ALEXANDER JOHNSON
GEORGE FRIEDL — DONALD W. BAIRD
WALTER FRITSCHI — WM. VANDERHOUT
EDGAR T. REYNOLDS

1926

FRANK G. COSMEN — HAROLD F. MAY
JOHN J. GEMELLI — FRANK C. RYDER
ROBERT G. EINICKE — OTTO L.. MICHAEL
JOHN M. CEGLOWSKI — CARLYLE MILLER
LEONARD VIETH — GERALD GLASER

Day Tech Orchestra

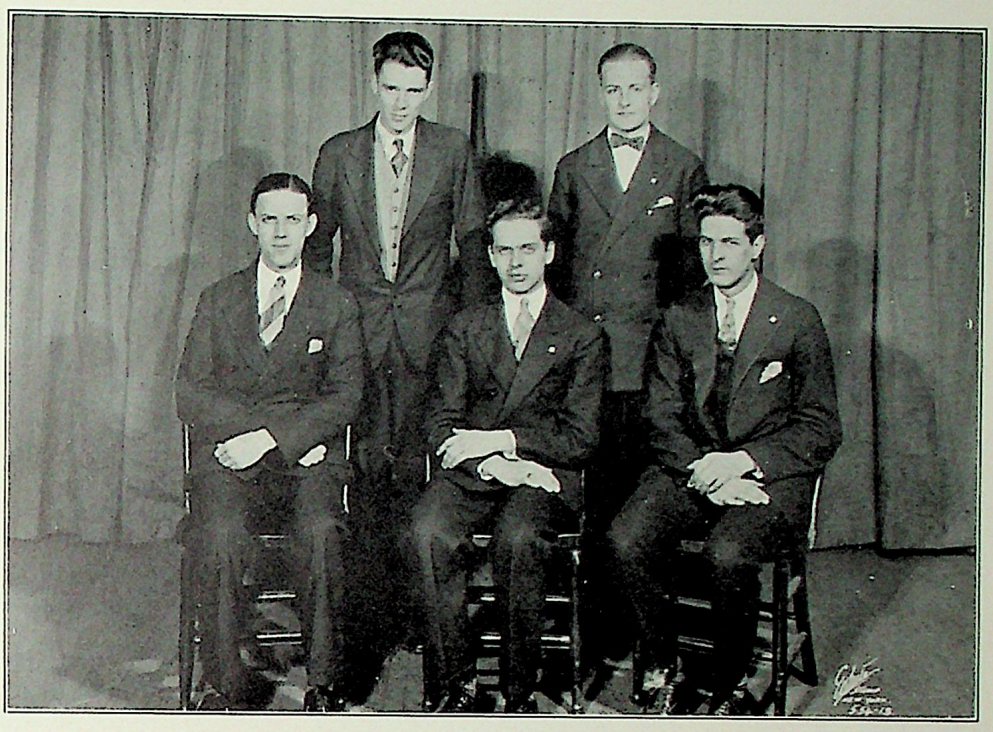
MARVIN TANNENBAUM, Violin ..... *Director*
MICHAEL POWENER ..... *Piano*
HARRY HANNAFORD ..... *Saxaphone*
RICHARD ENCH ..... *Saxaphone*
FRANK YOUNG ..... *Banjo*

IN order to continue the precedent set three years ago with the inception of the Day Tech Orchestra, Marvin Tannenbaum gathered together all the latent musical talent and re-organized the orchestra for the coming year.

The first call for volunteers for the orchestra was made in November, and in spite of the little time left for organization, Tannenbaum turned out one of the Tech's finest orchestras. The orchestra's renown spread to the Student Branch of the A. S. M. E., and they were requested to play at several of the branch's entertainment meetings.

The closing event on the orchestra's program was the joint meeting of all the student branch engineering societies at Cooper held in March. This was the first joint meeting held by the societies in several years, and the orchestra did its part in making the meeting a success.

With practically the whole orchestra intact, and ready for work next year, the members are looking forward to even greater heights of achievement.



The Newman Club

President
JOHN R. HEFELE

Vice-President
RAYMOND E. SQUIRES

Secretary
EDWIN A. KRAUTH

Treasurer
RAYMOND J. F. KUNZ

Lecturer
FRANK MCENANEY

THE past semester closed a season of success for the Newman Club. Reviewing the various activities, one experiences pleasant memories of interesting and enlightening gatherings held during each month of the school term. Inspiring lectures by the Chaplain, and impressive communion ceremonies were conductive to the spiritual welfare of the members.

The Newman Club, deriving its name from the eminent Cardinal Newman, is a member of the Federation of College Catholic Clubs, an organization representing eighty-eight colleges in the United States and Canada. This Club has been in existence since Nineteen Hundred and Twenty-three, and continues to meet at Newman Hall, the headquarters of the New York Province of the Federation.

The Newman Club aims to develop the worthy ideals of devotion and reverence, together with a desire for scholarly attainments and loyalty to Alma Mater. Its motto "cor ad cor loquitur" more fully expresses its purpose, and the final attainment of this lofty ideal, set by Cardinal Newman, is the earnest endeavor of every Newmanite.

The Alumni Federation of Cooper Union

President
J. C. RIEDEL, '98

Vice-President
W. A. WAGNER, '03

Secretary
D. R. LOVEJOY, '95

Treasurer
R. C. COFFIN, '10

THE Alumni Federation came into being just prior to the World War, as the result of the recognition of the need of an agency to bring the alumni organizations of the various schools into closer relationship. It was recognized that there are alumni activities which concern graduates of all the schools, and which required for their fulfillment an organization broader in scope than any one of departmental alumni.

The Federation, as at present constituted, consists of four representatives from each school or department of Cooper Union, two of which are annually elected by the Alumni organization of each of these schools. There is no such thing as individual membership in the Federation. Its only members are the participating alumni bodies, and individual membership is in them only. The Federation therefore strongly urges each student, upon graduation, to affiliate himself with the alumni association of his particular school, and so keep in touch with general alumni matters by virtue of the membership of that organization in the Federation.

The financial requirements of the Federation are met by assessments against the participating Alumni bodies in accordance with their active membership, and are based on an annual budget submitted for their approval.

The list of activities of the Federation includes the Alumni Dinner; the suitable celebration of Founder's Day; the decoration of Peter Cooper's Statue in Cooper Square on Founder's Day; the decoration of the Cooper graves in Greenwood Cemetery on Memorial Day each year; the maintenance of an employment service for students and graduates; the gathering of funds for various purposes connected with Cooper Union, notably to match the Rockefeller Foundation gifts, etc., and generally speaking, any matter which concerns more than one Alumni organization or Cooper Union at large.

Publications

W. Vanderhout
E. Reynolds
A. Johnson
C. Vill
E. G. Brass
D. Baird
G. Friedl
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W. Fritschi

The 1927 Cable

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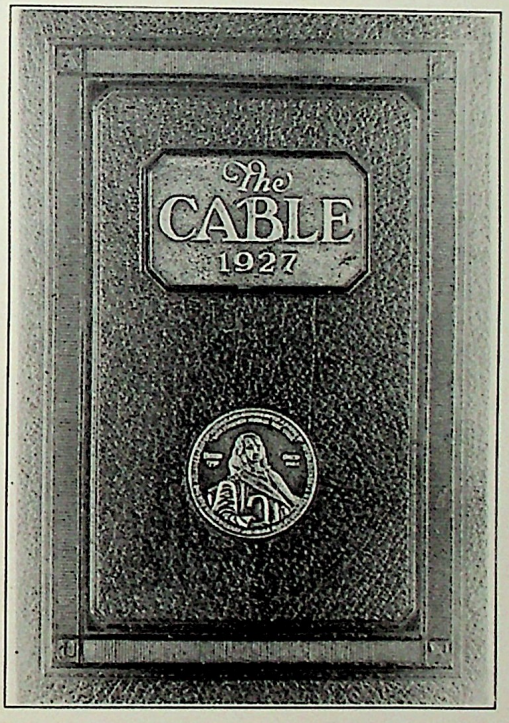

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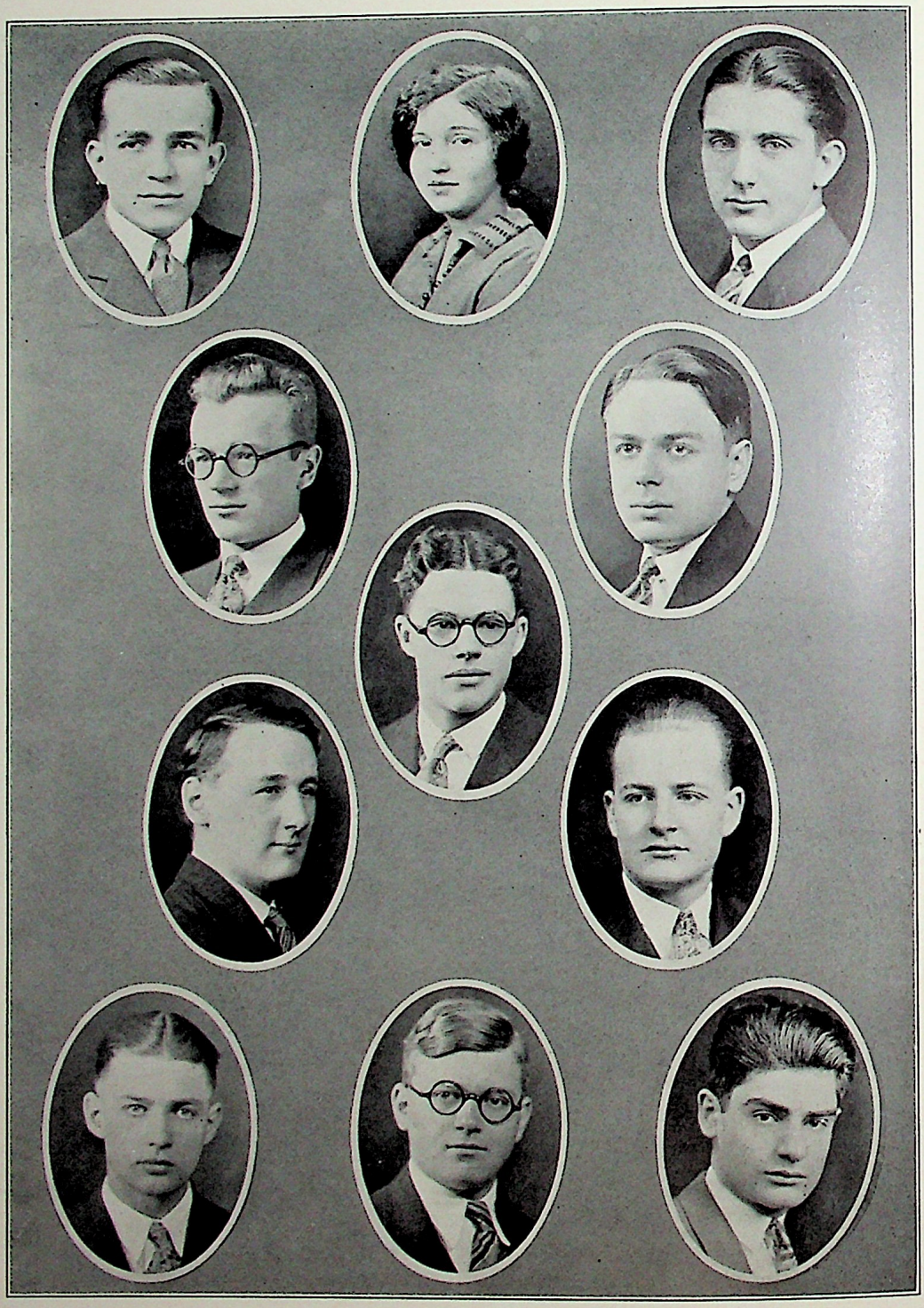

The Pioneer

A Weekly Publication

COOPER UNION

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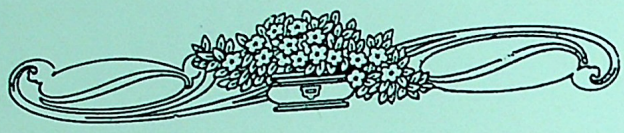

The 1927 CABLE

acknowledges

The spirit of Professor Towle.

The expended effort of Mr. Miller in organizing the help of the architectural section.

The aid rendered by Miss Rosanna G. Larkin, Miss Rhoda E. Johnson, and Miss Pauline Friedl, in preparing material for press.

The effort of Mr. F. D. Robinson, Jr., who had to relinquish his position on the board due to impending ill health.

The technical aid rendered by Mr. Irvin Silver of The Read-Taylor Co., Baltimore.

The cooperation of Miss Ellinson of the White Studios.

The invaluable aid of Mr. Harry Messina, who spent many nights assisting the board.

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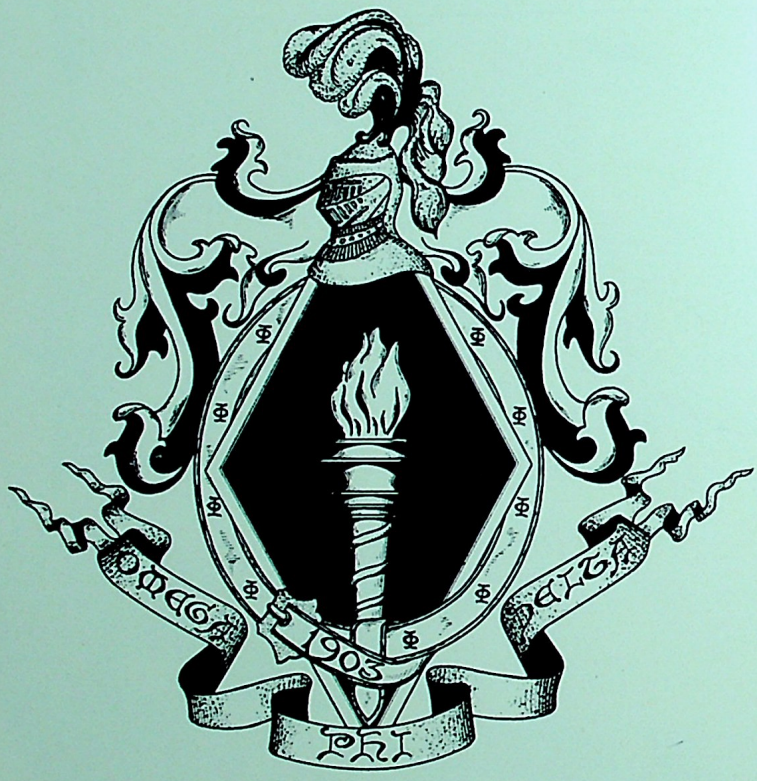
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1905
ΔΔΔ

Omega Delta Phi

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Otto G. Puller
Francis P. Carey
John Mathes
Walter T. Brown

FRATRES EN COLLEGIO

Joseph F. Connolly
Arthur H. Cornish
Robert E. Crosson
Hugh C. Clarke
William S. Elliott
James J. Flaherty
George J. V. Faley
George Friedl
Walter W. Fritschi
Gustave Gottron
George Gitter
William B. Irvine
Alexander Japp
Carl W. Meier
Fred'k W. K. Miller
Michael P. Mussetti
Emil M. Noll
Irad S. Rafuse
Frank C. Ryder
Charles J. Sutter, Jr.
Sylvester Spitaleri
Leonard Vieth
Carl A. Vill

ΣΑΠ
SIGMA ALPHA
PI

Sigma Alpha Pi

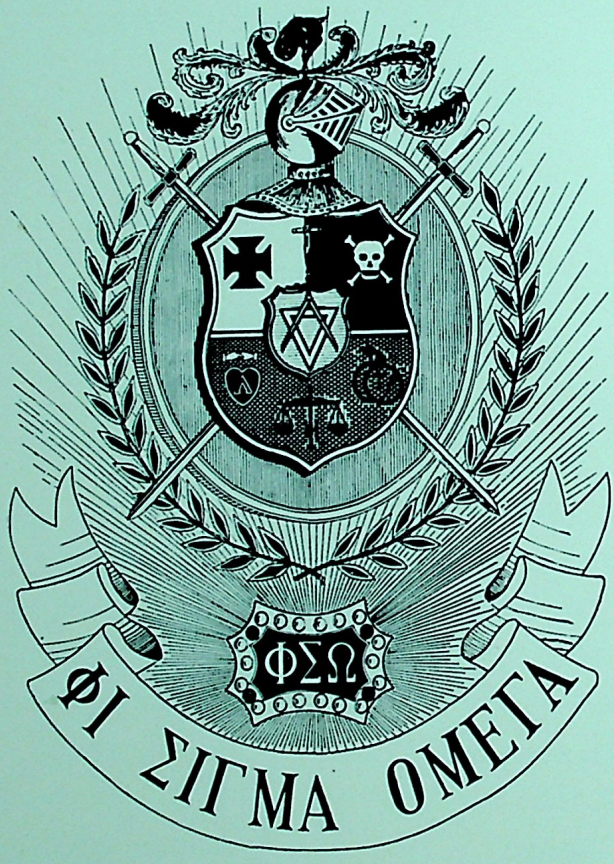
Founded 1904

FRATRES EN FACULTATE

John L. Bossert
William C. Broadgate
Werner O. Entenmann
Oldrich F. Masin
Henry J. Otten, Jr.
Thomas F. Peterson

FRATRES EN COLLEGIO

Charles D. Brown
Fred W. Cochrane
George R. DeAngelis
Frank De Voe
George Durfee
Lester C. Hammond
William P. Haas
Albert J. Jacquet
Oscar W. Kammerer
Carl Kastner
Harold Lewin
Arthur W. Luedeke
Carlyle W. Miller
George W. Morgenroth
Edgar Reynolds
Vere W. Russell
Edwin Scherck
Douglas Y. Smith
William Vanderhout
Walter Van Nostrand
Henry T. Wilhelm
Harvey Wood


ΦΣΩ
ΦΙ ΣΙΓΜΑ ΟΜΕΓΑ

Phi Sigma Omega

Alpha

FRATRES EN COLLEGIO

John F. Bateman
William C. Beckmann
Clement A. Borges
Joseph Campbell
Frank G. Cosmen
Robert G. Einicke
Arthur M. Folgner
John J. Gemmelli
Gerald Glaser
Theo. R. Jennings
Alexander Johnson
Herbert J. Laber
John J. Lynch
Thos. E. McDermott
Frank H. McEnaney
John Mihalo
Lando E. Monacci
Fred. W. Naujock
Roy T. Nielsen
William E. Oliver
William Petersen
William F. Riedell
Gordon Skau
Raymond F. Squires
Chester E. Voorhis
Pasquale J. Zaino

ΛΣΚ

Lambda Sigma Kappa

FRATRE EN FACULTATE

Harold W. Merritt

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Guillermo E. Cintron
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Harold L. Cramer
Samuel Daar
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Henry Kopel
Leo Lustig
James W. McConaghy
Kenneth Peters
Quentin Peters
Michael Powsner
Theodore Schiercke
Edwin T. Schwarz
Edward F. Staver
William H. Wemmerus
Samuel J. Wintenberg

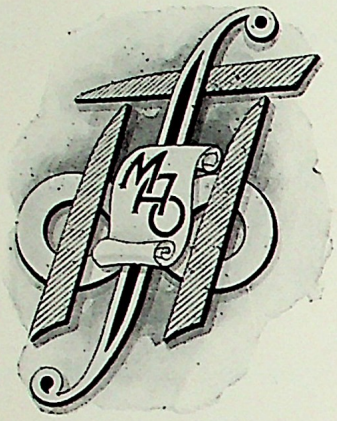
ΛΑΘΑ ΜΥΣΤΗΜΑ

Alpha Mu Sigma

Founded 1914 at Cooper Union

CHAPTERS

Alpha	Cooper Union Institute of Technology
Beta	College of the City of New York
Gamma	Polytechnic Institute of Brooklyn
Delta	Massachusetts Institute of Technology
Epsilon	Columbia University
Zeta	New York University
Eta	Harvard University
Theta	Bellevue Medical College
Iota	Yale University
Lambda	University of Pennsylvania
Mu	University of Maryland
Nu	University of Virginia
Omicron	University of Southern California
Alumni	New York City



Mu Alpha Omicron

Honorary Fraternity

INSTITUTE OF TECHNOLOGY

Faculty Advisor

PROF. NORMAN L. TOWLE

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Carlyle W. Miller
Edwin T. Schwarz
Peter Van Wyck
Henry T. Wilhelm
George L. Colvin
Edgar T. Reynolds
William Vanderhout

Activities

NINETEEN HUNDRED *and* TWENTY SEVEN

JUNIOR PROMENADE OF 1927

Schools of Science and Art

CLASS OF 1928

JUNIOR PROMENADE

HOTEL ST. REGIS

February 29, 1927

COMMITTEE

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EUGENE W. BRASS
WM. P. HAAS
AARON WINOGRAD
THOMAS J. MCLAUGHLIN

Senior Hop

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March 19, 1927

JOSEPH KAHN
Chairman

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FRANK DE SANTIS

FRANK MCENANEY

SOPH HOP

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CHESTER E. VOORHIS
Chairman

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NICHOLAS BOLATTA

SOL GENDEROVSKY

SAMUEL BRADKIN
Toastmaster

Annual Entertainment and Dance
Students Council
Schools of Science and Art

WALDORF-ASTORIA

April 9th, 1927

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GEORGE FRIEDL

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CHESTER E. VOORHIS
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Entertainment Committee

C. H. BORGES
N. R. MAURO
C. SPERRS

Publicity Committee

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D. GLICKMAN
C. F. RUMPF

Institute of Technology

CLASS OF 1928

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EDGAR T. REYNOLDS

ABRAHAM BERKOWITZ

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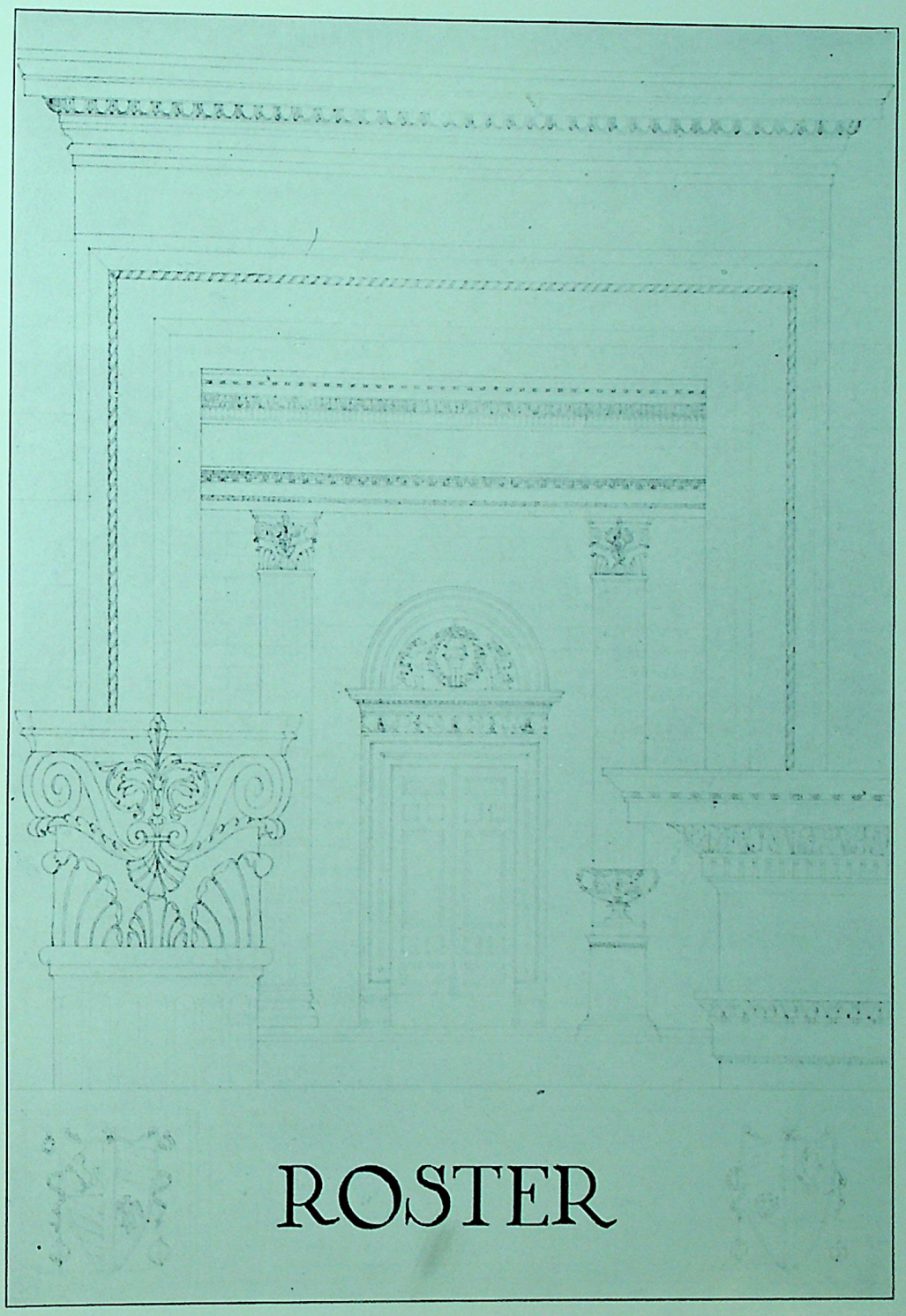
HOTEL McALPIN

March 4th, 1927

Chairman
D. Y. SMITH,

C. W. MILLER

E. SCHWARZ



ROSTER

Architectural Drawing

First Year, Section 1

Altschuler, William	945 42nd Street, Brooklyn, N. Y.
Amaters, Harold	333 4th Avenue, New York City
Anderson, Martin	327 62nd St., Brooklyn, N. Y.
Cohen, Abraham	1354 Morris Ave., Bronx, N. Y.
Conzani, Michael	3018 Atlantic Ave., Brooklyn, N. Y.
Corcoran, James	1062 3rd Ave., New York City
Di Marco, Nicholas	7317 13th Ave., Brooklyn, N. Y.
Egan, Harold	926 Teller Ave., Bronx, New York City
Fischer, Henry	132 N. Ninth Ave., Mt. Vernon, N. Y.
Goldman, Harold	732 S. 12th St., Newark, N. J.
Granholm, Henry	2263 Chatterton Ave., New York City
Halliday, John	118 Hendrickson Ave., Rockville Centre
Huatt, William	300 Neville St., Perth Amboy, N. J.
Hughes, Harold	218 5th St., Manhattan, New York City
Huszar, Arthur	Valhalla, N. Y.
Izzo, Nicholas	40 Van Siclen Ave., Brooklyn, N. Y.
Johnson, Evert	497 N. Fulton Ave., Mt. Vernon, N. Y.
Klein, Stanley	1576 E. 17th St., Brooklyn, N. Y.
Kress, H. W.	114 Pearl St., Elizabeth, N. J.
Leibowitz, Harry	278 Hinsdale St., Brooklyn, N. Y.
Lipsky, Murray	53 Jefferson St., New York City
McAvery, Ray	451 Prospect Place, Brooklyn, N. Y.
Milbert, Hyman	1268 Grant Ave., New York City
Milford, Eugene	919 Trinity Ave., Bronx, New York City
Nugent, Joseph	932 Castle Hill Ave., Bronx, New York City
O'Leary, Daniel	3291 Hull Ave., New York City
Pannaman, Norton	2038 59th St., Brooklyn, N. Y.
Petrik, Isabelle	518 W. 85th St., New York City
Pettel, Ivalena	342 W. 85th St., New York City
Polaso, George	4293 Park Ave., Bronx, New York City
Pullman, Israel	1758 Sterling Place, Brooklyn, N. Y.
Raineri, Silvan	2918 Cruger Ave., Bronx, N. Y.
Risch, Harold	430 E. 72nd St., New York City
Rosenblad, Elmer	1645 Edison Ave., Bronx, N. Y.
Tempkins, Harry	2136 61st St., Brooklyn, N. Y.
Thoden, John	392 Communipaw Ave., Jersey City, N. J.
Trich, Joseph	329 Ridge Road, Rutherford, N. J.
Wertzman, Jack	101 Watson Ave., Newark, N. J.

First Year, Section 2

Bassett, Everett	8405 10th Ave., Brooklyn, N. Y.
Blitz, Jack	60 E. 103rd St., New York City
Comerford, Livingston	255 Ft. Washington Ave., New York City
Carrick, Leo	158 Glenwood Ave., Jersey City, N. J.
Dolgos, Michael	22-45 48th St., Long Island City
Fitzpatrick, Joseph	96 Pocantico St., N. Tarrytown, N. Y.
Galbraith, William	219 E. 196th St., Bronx, N. Y.
Gitter, Samuel	1110 Ohmstead Ave., Bronx, New York City
Halpern, Charles	72 S. 4th St., Brooklyn, N. Y.
Herre, Olaf	1044 73rd St., Brooklyn, N. Y.
Hradecky, Rudolf	430 E. 71st St., New York City
Jurgenson, Charles	1007 Willow Ave., Hoboken, N. J.
Kleiner, Alex	3002 La Salle Ave., New York City
Levitt, Herman	217 E. 182nd St., New York City
Liberty, Marcel	R. F. D. No. 3, Plainfield, N. J.
Meretzky, Thomas	82 Elliott Ave., Yonkers, N. Y.
Mueller, Arthur	366 Woodridge Ave., Woodridge, N. J.
Pollack, John	62 41st St., Corona, L. I.
Reuss, William	130 Highpoint Ave., Weehawken, N. J.
Rimondi, John	709 Fischer Ave., N. Bergen, N. J.

Rothstein, Samuel	1058 S. Blvd., Bronx, New York City
Saxton, Raymond	337 State St., Brooklyn, New York City
Schlansky, Nathan	69 E. 90th St., New York City
Schlosser, Herman	133 Hutton St., Jersey City, N. J.
Silber, Norman	1975 Union St., Brooklyn, New York City
Silverstein, Jack	871 Elsmere Place, Bronx, N. Y.
Skonsen, Otto	416 2nd Ave., North Pelham, N. Y.
Sochurek, Theo	533 E. 82nd St., New York City
Solotoroff, Samuel	672 Westchester Ave., Bronx, N. Y.
Spinrod, William	1350 Lyman Place, Bronx, N. Y.
Strauss, Max	229 W. 78th St., New York City
Summers, Harold	220 Page Ave., Lyndhurst, N. J.
Thompson, Wilfred	1519 Benson St., Bronx, N. Y.
Ticky, John	338 E. 71st St.
Weiner, Philip	45 Harrison Ave., New York City
Williams, U. S.	302 E. Parkway, Brooklyn, N. Y.
Zelman, Bernard	750 Cauldwell Ave., New York City

First Year, Section 3

Alexander, Herbert	643 Macom St., Brooklyn, New York City
Avella, Alex	742 Whittier St., Hunts Point, N. Y.
Bernstein, Abraham	1259 Wheeler Ave., Bronx, New York City
Backove, Louis	6129 Delafield Ave., Bronx, New York City
Bradbury, Mathew	64 W. 100th St., New York City
Gardener, Frederick	2074 Mapes Ave., Bronx, New York City
George, Fred	5052 Bliss St., Woodside, L. I.
Gornick, Julius	205 E. 103rd St., New York City
Halpern, Joseph	2838 W. 22nd St., Brooklyn, N. Y.
Kaplan, Sam	1702 Fulton St., Brooklyn, N. Y.
Kenelmans, Gustave	6741 3rd Ave., Brooklyn, N. Y.
Klev, John	2123 Hermany Ave., Bronx, N. Y.
Krhomn, Frank	420 E. 72nd St., New York City
La Benf, Lloyd	327 Willow Ave., Hoboken, N. J.
Lynch, George	3062 Perry Ave., New York City
Maxmame, T.	100 Union Ave., Brooklyn, N. Y.
Martin, Edmund	427 Sterling Place, Brooklyn, N. Y.
McPherson, Calvin	308 Avenue "B," Bayonne, N. J.
Mennona, Nicholas	106 Pocantico Road, Tarrytown, N. Y.
Nical, Rex	530 Fifth St., Brooklyn, N. Y.
Polimer, Clarence	62 Owl Court, Brooklyn, N. Y.
Rameizl, Edward	307 E. 73rd St., New York City
Richter, Ludwig	534 29th St., Union City, N. J.
Rosenzweig, Richard	236 Second St., New York City
Cantora, Joseph	186 Potter Ave., Astoria, N. Y.
Simmons, Alvin	808 Crescent St., Astoria, N. Y.
Simmons, George	808 Crescent St., Astoria, N. Y.
Spengler, Paul	451 New York Ave., Union City, N. J.
Streiter, Melvin	Linwood Ave., River Edge, N. J.
Watnick, Reuben	174 Sutter Ave., Brooklyn, N. Y.
Wiederman, Mac	753 Fox St., New York City
Wolff, Harold	797 Jennings St., Bronx, New York City
Woltila, John	75 N. 15th St., Flushing, L. I.
Zitzman, Daniel	1163 40th St., Brooklyn, N. Y.

First Year, Section 4

Bahery, Fred	349 W. 1st Ave., Roselle, N. J.
Becker, Fred	2724 Erickson St., E. Elmhurst, L. I.
Berenstein, Albert	605 W. 113th St., New York City
Bricker, Julius	194 Brown Place, New York City
Colvers, Stephens	535 E. 6th St., New York City
D'Agostino, Nicholas	2444 Ditmars Ave., Elmhurst, L. I.
Dumerstein, Carl	1911 Atlantic Ave., Brooklyn, New York City
Epstein, Milton	1710 Bathgate Ave., New York City

Gerson, Jack	1767 Fulton St., New York City
Gaiozzi, James	563 Central Ave., Jersey City, N. J.
Giamella, Henry	51 W. 2nd St., Bound Brook, N. J.
Groht, George	295 Bainbridge St., Brooklyn, N. Y.
Jacobs, Edward	505 E. 6th St., New York City
Johnson, John	8420 12th Ave., Brooklyn, N. Y.
Krivascy, John	26 176th St., Jamaica, N. Y.
Kuskin, Sam	44 Watson Ave., Newark, N. J.
Lomax, William	33 Slevens St., Astoria, L. I.
Lubelle, Ernest	1107 Cypress Ave., Brooklyn, New York City
Lucas, John	100 W. 54th St., New York City
Luciano, Joseph	42 Montrose Ave., Brooklyn, N. Y.
Mackay, William	176 Garfield Ave., Jersey City, N. J.
Martz, Joseph	742 59th St., Brooklyn, N. Y.
Mayhew, Howard	601-3 Eagle Ave., Bronx, N. Y.
McDonald, Alan	139 Russell St., Brooklyn, N. Y.
McGimpsey, Alex	164 Bergen Ave., Jersey City, N. J.
Pato, Michael	3204 Boulevard, Jersey City, N. J.
Poleiner, George	62 Owl Court, Brooklyn, New York City
Poloso, Benjamin	2728 Madison Ave., New York City
Schlenker, Christian	2426 Cornelia St., Queens, N. Y.
Schwenk, Joseph	790 Columbus Ave., New York City
Simpson, Joseph	558 E. New York Ave., Brooklyn, N. Y.
Singer, Samuel	503 W. 169th St., New York City
Stern, Harry	1501 39th St., Brooklyn, New York City
Swerdlove, Joseph	1650 78th St., Brooklyn, New York City
Venezia, Joseph	505 Jefferson St., Hoboken, N. J.
Vera, Raymond	136 W. 116th St., New York City
Zaragatdsky, Sam	241 Brook Ave., Passaic, N. J.

Architectural Drawing

Second Year, Section 1

Aaronson, Rudolph	725 Suediker Ave., Brooklyn, N. Y.
Bower, Richard	19 Glen Place, New Rochelle, N. Y.
Brooks, Leo	1987 Fulton Ave., N. Y.
Bucksbaum, Fred	777 E. 179th St., Bronx, N. Y.
Camaropoulos, George	35-37 N. 170th St., Flushing, N. Y.
Cutter, Joel	913 50th St., Brooklyn, N. Y.
Dellon, Charles	360 E. 195th St., New York City
De Teresa, Salvatore	312 St. Mary's Ave., Rosebank, Staten Island
Dietz, Charles	41 Linden St., Maspeth, L. I.
Eslinger, Charles	16 Sherman St., Passaic, N. J.
Fetscher, Charles	8625 108th St., Richmond Hill, N. Y.
Folcke, Charles	9 Hudson Place, Weehawken, N. J.
Forte, Anthony	2549 Colden Ave., Bronx, N. Y.
Friedheim, Arthur	1450 E. New York Ave., Brooklyn, N. Y.
Friedland, Irving	213 Rodney St., Brooklyn, N. Y.
Geibelt, Frederick	522 Liberty Ave., Jersey City, N. J.
Gellman, Henry	401 45th St., Union City, N. J.
Ginsburg, Nat	4332 Gunther Ave., Bronx, N. Y.
Goldsmith, Milton	872 E. 62nd St., Bronx, N. Y.
Greenberg, Jack	1230 Ward Ave., New York City
Grossman, Eugene	1165 Gerad Ave., New York City
Hatch, Waverly	355 E. 236th St., Woodhaven
Helene, Sidney	2240 Amsterdam Ave., New York City
Kuczena, Andrew	278 Avenue "B," New York City
Leibowitz, Morris	110 Delancy St., New York City
Lun, Stanley	701 E. Treamont Ave., New York City
Miller, Arthur	171 Hewes St., Brooklyn, N. Y.
Passel, Benjamin	1323 Intervale Ave., New York City
Rappaport, Jacob	2599 Atlantic Ave., Brooklyn, N. Y.
Rappaport, Morris	631 Jefferson Place, Bronx, N. Y.
Resinikoff, Max	147-16 Mitchell Ave., Flushing, N. Y.

Skolinck, Ben	1269 E. 93rd St., Brooklyn, N. Y.
Szego, Emerick	325 W. 45th St., New York City
Tieder, William	221 E. 66th St., New York City
Warner, Harry	2525 Aqueduct Ave., New York City
Wiatrak, Bernard	201 E. 103rd St., New York City

Second Year, Section 2 and 3

Anderson, Andrew	198 Lex Ave., Jersey City, N. J.
Boekling, Peter	14 Hill St., Midland Park, N. J.
Crosson, Eugene	148 Summit Ave., Jersey City, N. J.
Digued, Forbes	167 Linden Blvd., Brooklyn, N. Y.
Edelman, Louis	520 S. 16th St., Newark, N. J.
Grossman, William	124 Goerick St., New York City
Henning, Charles	30-18 43rd St., New York City
Keil, Joseph	490 S. 17th St., Newark, N. J.
Krasnoff, Morris	30 W. 112th St., New York City
Lewis, Cyril	1171 77th St., Brooklyn, N. Y.
Mentes, Nicholas	37 Durant Ave., Clifton, N. J.
Miles, Virgil	41 Orient Ave., Jersey City, N. J.
Miraca, Roland	2908 Harrington Ave., New York City
Monaco, Anthony	2158 Crotona Ave., Bronx, N. Y.
Nevins, Max	819 E. 166th St., New York City
O'Rourke, Robert	235 E. 87th St., New York City
Peterson, Philip	800 E. 160th St., New York City
Poletto, Ceasare	34-31 29th St., Long Island City
Rosen, Jacob	26 Ave. "B." New York City
Scibienski, Joseph	431 Hull Ave., Perth Amboy, N. J.
Shabass, Murray	480 N. Jersey Ave., Brooklyn, N. Y.
Siconolfi, Armando	2159 Belmont Ave., New York City
Sofo, Frank	1318 64th St., Brooklyn, N. Y.
Solzberg, Abraham	600 E. 141st St., Bronx, New York City
Stier, Arnold	172 Chestnut St., Garfield, N. J.
Watson, William	Plymouth Ave. Col. Hgts., Yonkers, N. Y.
Williams, Harold	30 Elk St., Paterson, N. J.
Winston, William	No. 9 Waverly Place, Great Neck, L. I.
Wuhrman, William	3743 89th St., Jackson Hgts., L. I.
Zashim, Joseph	613 Barretto St., New York City
Bloom, Max	2790 Fulton St., Brooklyn, N. Y.
Dearie, John	129 B, Edgewater Camp, Throgs Neck, N. Y.
Drerup, Paul	54 Kennedy Pl., Hampstead, L. I.
Fausak, Albert	104 Mercer St., Jersey City, N. J.
Frank, William	283 Onderdonk Ave., Brooklyn, N. Y.
Gotham, William	4124 Warren St., Elmhurst, L. I.
Graging, Arthur	146 Cambridge Ave., Englewood, N. J.
Grossman, Isidore	200 E. 102nd St., New York City
Kirmeyer, Hyman	1731 62nd St., Brooklyn, N. Y.
Kuret, Renert	40 Hylan Blvd., Rosebank, S. I.
Lange, Victor	425 E. 153rd St., New York City
Legnore, Albert	931 Kent Ave., Brooklyn, N. Y.
Lenzi, William	211 W. 10th St., New York City
Le Roy, Edwin	39 E. 10th St., New York City
Linker, Harry	1562 Washington Ave., New York City
Lischke, George	34 Andrew Ave., Scarsdale, N. Y.
McGibney, George	162 E. 84th St., New York City
Muller, Frank	Sylvan Ave. and 3rd St., Clifton, N. J.
Newman, Louis	746 Jefferson Ave., Brooklyn, N. Y.
Pankock, Joseph	629 Clarence Ave., New York City
Pappalardo, Sal	1927 Dean St., Brooklyn, N. Y.
Robbins, Harry	8014 19th Ave., Brooklyn, N. Y.
Sigall, Abraham	347 E. 173rd St., New York City
Short, Christopher	12106 114th Ave., Richmond Hill, N. Y.
Slevin, Robert	5513 Seabury St., Elmhurst, N. Y.
Smith, Albert	80 Maple St., Yonkers, N. Y.

Walker, Carl	58 1st Ave., Long Island City
Weinberg, David	219 E. 5th St., Brooklyn, N. Y.
Weinberger, Joseph	97 Monroe St., New York City

Architectural Drawing

Third Year, Section 1

Abramsen, Alfred	98 Zabriskie St., Jersey City, N. J.
Becker, Leroy	133 E. 238th St., Bronx, N. Y.
Boege, Herbert	38 W. Fillimore Ave., Corona, L. I.
Christian, Gerherdus	9 Lincoln Ave., Rutherford, N. J.
Creighton, Arthur	428 E. 16th St., New York City
Daley, James	122 Ferona Way, Rutherford, N. J.
Dezeevw, Jam	583 Morgan Ave., Brooklyn, N. Y.
Hamill, George	24 Chestnut St., Flushing, L. I.
Hargreaves, Benjamin	W. Palisades Ave., Englewood, N. J.
Hartwigsen, Christian	67 Irving Street, Jersey City
Heil, Herbert	176 Grove Street, Somerville, N. J.
Janowitz, Maxwell	16 E. 106th St., New York City
Kamford, John	Brooklyn Ave. and Woodfield Road, Hempstead, N. Y.
Kelsey, Edgar	53 Wyandott Ave., Dumont, N. J.
Klein, Kalman	8589 87th St., Woodhaven, L. I.
Klein, Murray	18 La Mont Court, Brooklyn, N. Y.
Kraft, Hyman	73 2nd Ave., New York City
Krakow, Jacob	1760 Washington Ave., Bronx, N. Y.
Loeb, Sam	1982 Wallon Ave., New York City
Lukacs, William	414 Broadway, Long Island City
Mendelson, Moses	91 Penn St., Brooklyn, N. Y.
Minch, Charles	952 1st Ave., New York City
Mittlemon, Walter	318 Sutter Ave., Brooklyn, N. Y.
Nagler, Julius	495 E. 140th St., New York City
Ott, Alfred	506 Jefferson St., Carlstadt, N. Y.
Phillips, William	562 McDonough St., Brooklyn, N. Y.
Pierce, George	365 Union St., Jersey City, N. J.
Scheil, Charles	19 Nelson Ave., Jersey City, N. J.
Simon, Percy	1329 Clinton Ave., Bronx, N. Y.
Singer, Julius	609 E. 170th St., Bronx, N. Y.
Sircus, Morse	482 Bedford Ave., Brooklyn, N. Y.
Sisk, Maurice	139 Glenwood Ave., Jersey City, N. J.
Tauss, Julius	1350 Fulton Ave., Bronx, N. Y.
Ward, Alexander	Tinafly Road, Englewood, N. J.

Third Year, Section 2

Beattie, Samuel	2654 Marion Ave., Bronx, N. Y.
Bronstein, Marcus	1533 Vype Ave., Bronx, N. Y.
Byatt, C. H.	767 Park Ave., Union City, N. J.
Celuch, Joseph	86 2nd St., New York City
Coebler, Erich	115 Sumpter St., Brooklyn, N. Y.
Dawson, Robert	317 Prospect St., Westfield, N. J.
Else, John	36 Vista Ave., Dongan Hills, L. I., N. Y.
Fortuna, Louis	1505 Avenue "A," New York City
Frankel, Isidore	153 Bay 26th St., Brooklyn, N. Y.
Haberman, Nathan	2155 Grand Ave., Bronx, N. Y.
Hendess, William	3590 Boulevard, Jersey City, N. J.
Honck, Kenneth	Wesley Ave., Port Chester, N. Y.
Kemp, Edward	177 Park Ave., E. Rutherford, N. J.
Keulemans, Pierre	6741 3rd Ave., Brooklyn, N. Y.
Kingston, Philip	49 Birch St., Mt. Vernon, N. Y.
Kromberg, Harry	Cross Island Boulevard, Flushing, L. I.
Lang, Harold	491 E. 140th St., Bronx, N. Y.
Martin, Arthur	73-13 162nd St., Flushing, L. I.
McLaughlin, Thomas	349 Armstrong Ave., Jersey City, N. J.
McNaught, William	1192 Walton Ave., New York City

Mogavero, Nicholas	44 Henry St., New York City
Moore, John	53-23 Skillman Ave., Woodside, L. I.
Nadleman, Elias	3212 200th St., Bayside, N. Y.
Napoli, George	237 27th St., Brooklyn, N. Y.
O'Toole, Earmon	20 Orange St., Brighton Beach, N. Y.
Rappaport, Jacob	2599 Atlantic Ave., Brooklyn, N. Y.
Risavy, Charles	521 38th St., Union City, N. J.
Robertson, Howard	382 E. 8th St., Brooklyn, N. Y.
Snyder, George	306 E. 92nd St., New York City
Stier, Frederick	147 Haseco Ave., Port Chester, N. Y.
Thiel, Arthur	438 Fulton St., Elizabeth, N. J.
Thomson, Douglas	27 Livingstone Ave., Lyndhurst, N. J.
Tiegel, Harry	647 Linwood St., Brooklyn, N. Y.
Virano, Edward	171 E. 117th St., New York City

Architectural Drawing

Fourth Year, Section 1

Barbuscia, John	357 E. 163rd St., New York City
Becker, Robert	258 Clinton Ave., New Rochelle, N. Y.
Bergin, Joseph	114 Webster Ave., New Rochelle, N. Y.
Black, Harry	863 8th Ave., New York City
Bromberg, Nat	109 S. 3rd St., Brooklyn, N. Y.
Buchner, Vincent	4208 Junction Boulevard, Elmhurst, L. I.
Buess, Fred	1789 1st Ave., New York City
De Fato, Joseph	726 Ave. "P," Brooklyn, N. Y.
Deimel, Arthur	266 E. 198th St., Bronx, N. Y.
Della, Badia	71 Woodside Park, New Rochelle, N. Y.
Felten, Edwin	416 Grand Ave., Long Island City, N. Y.
Fitzgerald, William	2655 Bambridge Ave., New York City
Flaccomio, Salvatore	9921 W. Jackson Ave., Corona, L. I.
Hafemann, Paul	4065 Boulevard, N. Bergen, N. J.
Hee, Gustave	1588 Kenimore Place, Brooklyn, N. Y.
Hirshman, Albert	600 Knickerbocker Ave., Brooklyn, N. Y.
Holden, Cecil	149 Brighton St., Tottenville, Staten Island
Marlelli, Vasco	423 W. 35th St., New York City
Passell, Irving	1323 Intervale Ave., Bronx, N. Y.
Posthumus, Lawrence	101 Grant St., Passaic, N. J.
Pugliese, Salvatore	94 Stagg St., Brooklyn, N. Y.
Rochlin, Raymond	909 E. 178th St., New York City
Runpf, Carl	112 Clove Road, New Rochelle, N. Y.
Sigler, Arthur	537 E. 134th St., Bronx, N. Y.
Snozzi, Joseph	1030 E. 215th St., Bronx, N. Y.

Fourth Year, Section 2

Agresta, Contable	64 Maiden Lane, Haspeth, L. I.
Borgia, Americo	4664 Sprague St., Glendale, L. I.
Brehm, Perry	89 Hutton St., Jersey City, N. J.
Burgess, Lauren	Hilltop Road, Mahwah, N. J.
Conti, Daniel	52 Gaston Ave., Garfield, N. J.
Daub, Joseph	235 Hart St., Brooklyn, N. Y.
De Santis, Frank	455 Hudson St., New York City
De Teresa, Joseph	312 St. Mary's Ave., Rosebank, S. I.
Di Santo, Dominic	643 E. 183rd St., New York City
Forlenza, Michael	617 Metropolitan Ave., Brooklyn, N. Y.
Geertsema, Kenneth	126 Parson Boulevard, Jamaica, L. I.
Grenier, Alfred	2543 McIntosh St., Corona, L. I.
Hadzima, Rudolph	17 Portland Ave., Clifton, N. J.
Hille, Robert	8540 96th St., Woodhaven, N. Y.
Hoch, Arthur	2272 82nd St., Brooklyn, N. Y.
Koch, Julius	76 Manhattan Ave., Jersey City, N. J.
Le Fante, Anthony	33 Havemeyer St., Brooklyn, N. Y.
Martin, William	421 W. 125th St., New York City

McCabe, James	509 W. 41st St., New York City
Pearson, Arvid	9432 54th Ave., Elmhurst, L. I.
Penk, Conrad	218 Columbia Ave., Passaic, N. J.
Rodman, Norton	65 Charles St., Bloomfield, N. J.
Steinberg, Joseph	935 Blake Ave., Brooklyn, N. Y.
Sugarman, Louis	131 Blake Ave., Brooklyn, N. Y.
Thompson, George	55 Harson Place, Brooklyn, N. Y.

Architectural Orders

First Year

Barron, Hyman	612 W. 137th St., New York City
Dobbs, Paul	3 Erie Place, Nutley, N. J.
Fagan, Edward	473 E. 9th St., Brooklyn, N. Y.
Falk, Herman	104-19 207th St., Hollis, N. Y.
Glaser, Peter	107-59 126th St., Richmond Hill, N. Y.
Hendrickson, Hans	412 Broad St., Sewary, N. J.
Kane, Ralph	9528 Ave. "A," Brooklyn, N. Y.
Kazassow, Morris	1575 Washington Ave., New York City
Kress, Joseph	664 54th St., Brooklyn, N. Y.
McCoy, Walter	79 W. 103rd St., New York City
Redman, Elwood	1246 Bloomfield St., Hoboken, N. J.
Rothman, Oswald	1500 Boston Road, Bronx, N. Y.
Short, Christopher	12106 114th Ave., Richmond Hill, N. Y.
Suarez, Raymond	620 Gravesend Ave., Brooklyn, N. Y.
Wise, Frank	3319 E. Tremont Ave., Bronx, N. Y.

Second Year

Davis, Henry	116 E. 111th St., New York City
Goldsmith, Hyman	34 Varet St., Brooklyn, N. Y.
Maltz, Anna	1118 Forest Ave., Bronx, N. Y.
Rochlin, Raymond	909 E. 178th St., Bronx, N. Y.
Thomas, Fred	1481 Shakespeare Ave., Bronx, N. Y.

Third Year

Morgen, John	2879 Waterbury Ave., Bronx, N. Y.
Rosenblatt, Louis	201 Allen St., New York City
Strothkamp, Henry	Bradford St., Harrison, N. Y.

Fourth Year

Foertsch, Frank	389 11th Ave., Astoria, N. Y.
Weber, Edward	217 1st St., Jersey City, N. J.

Chemical Engineering

First Year, Section 1

Beerman, Philip	1360 Grant Ave., New York City
Bennett, John	121 E. 82nd St., New York City
Bernasconi, Charles	64 E. 22nd St., Paterson, N. J.
Black, Jack	960 Simpson St., Bronx, N. Y.
Beilos, Nathan	1006 Broadway, Brooklyn, N. Y.
Cerna, Wendell	133 Humphrey Ave., Bayonne, N. J.
Cohen, Jacob	222 Hopkins St., Brooklyn, N. Y.
Cooper, Morris	54 E. 109th St., New York City
Egan, William	105 Clifton Place, Jersey City, N. J.
Frankfort, Samuel	171 Broome St., New York City
Grathwohl, Jacob	995 Jefferson Ave., Brooklyn, N. Y.
Green, Herman	311 Rockaway Parkway, Brooklyn, N. Y.
Hamm, William	54 Maple Ave., Staten Island, N. Y.
Jones, John	225 E. 126th St., New York City

Kryston, Frank	65 N. 8th St., Brooklyn, N. Y.
Kuno, Stephen	256 South 4 Fieldstone Road, N. Y.
Lancaster, William	215 Halsey St., Brooklyn, N. Y.
Schierke, Theodore	1034 72nd St., Brooklyn, N. Y.

First Year, Section 2

Anderson, Norman	79 Buffalo St. Staten Island, N. Y.
Argent, Walter	30-02 Broadway, Astoria, L. I.
Bittrich, Gustav	443 W. 126th St., New York City
D'Adizzio, Anthony	33 Nuttman Ave., Newark, N. J.
DeVyver, Cornelius	322 S. Columbus Ave., Mount Vernon, N. Y.
Manning, James	969 St. Marks Ave., Brooklyn, N. Y.
Matt, William, Jr.	93 Hillside Ave., Nutley, N. J.
Miller, Harold	69 Van Ness Place, Newark, N. J.
Mladinich, George	565 St. Lawrence Ave., Bronx, N. Y.
Weevgreen, Karl	8823 69th Road, Forest Hills, L. I.
Noyes, Harold	107 N. Gouvernour Ave., Trenton, N. J.
Palembo, Stephen	215 W. 23rd St., New York City
Rodier, Louis	560 Beck Street, Bronx, N. Y.
Schwarxwalder, Otto	510 E. 79th St., New York City
Segin, Salvador	4715 42nd St., Woodside, L. I.
Sherman, Louis	524 Bristol St., Brooklyn, N. Y.
Slavix, Ferdinand	410 E. 75th St., New York City
Sperr, Ernest	1237 E. 34th St., Brooklyn, N. Y.
Tierney, Joseph	241 E. 45th St., New York City
Tremper, Perry	454 Manhattan Ave., New York City
Winters, Arthur	343 E. 23rd St., New York City

Chemical Engineering

Second Year, Section 1

Ahders, Henry	248-42 88th Drive, Bellerose, L. I.
Albano, Vincent	5100 18th St., Brooklyn, N. Y.
Atlas, David	1515 E. 5th St., Brooklyn, N. Y.
Cantor, Gershon	1339 St. Johns Place, Brooklyn, N. Y.
Chiert, Sidney	6907 20th Ave., Brooklyn, N. Y.
Cornell, Franklin	1120 42nd St., Brooklyn, N. Y.
Derr, Harry	9045 Elderts Lane, Woodhaven, L. I.
Ehrhardt, Robert	19 Chestnut Place, Rochelle Park, N. J.
Germain, Frank	4110 Carpenter Ave., New York City
Hamlin, Philip	65 Ames Ave., Rutherford, N. J.
Hintze, Henry	31 Tieman Place, New York City
Irvine, William	10 Yesler Way, Hillsdale, N. J.
Jankowski, Francis	38 Troy Avenue, Brooklyn, N. Y.
Kapelsahn, Leon	85 Muller Ave., Brooklyn, N. Y.
Kappler, Arthur	95 Clifton Terrace, Weehawken, N. J.
Kelin, Paul	Franklin Square, Union City, N. J.
Krenast, John	104 48th St., Union City, N. J.
Levinios, Steven	23 Window Ave., South Beach, Staten Island
Russo, Michael	709 Sixth Street, Union City, N. J.

Second Year, Section 2

Janeman, Herbert	428 Palisade Ave., West New York, N. J.
Kemz, Raymond	911 19th St., Union City, N. J.
Landau, Milton	145 Audobon Ave., New York City
Levi, Adolph	569 Academy St., New York City
Linde, Henry	64 Garden Street, Hoboken, N. J.
Lubin, Harry	1682 Fulton St., Brooklyn, N. Y.
Lutsky, Albert	2940 Fulton St., Brooklyn, N. Y.
Morgolis, Morris	1675 Lincoln Place, Brooklyn, N. Y.
Marsteller, Daniel	594 E. 40th St., Brooklyn, N. Y.
Mendezza, August	75 Siminson Ave., Staten Island, N. Y.

Prista, Alexander	7 Claremont Ave., Jersey City, N. J.
Radowskey, Isidor	155-7 S. 2nd St., Brooklyn, N. Y.
Senning, Hilyer	13 Orange Heights Ave, West Orange, N. J.
Sobel, Albert	1461 East New York Ave., Brooklyn, N. Y.
Strom, Frank	370 Union Street, Brooklyn, N. Y.
Sundstrom, Fred	127 Union Ave., Staten Island, N. Y.
Wadlow, Harold	2333 Fifth St., Coytesville, N. J.
Watson, Therold	9118 Lefferts Boulevard, Richmond Hill, L. I.

Chemical Engineering

Third Year

Adamo, Mathew	32-20 Grand Ave., Astoria, L. I.
Bechtoldt, William	128 86th Road, Jamaica, L. I.
Cramer, Charles	450 Tiemig Ave., Bronx, N. Y.
De Hart, Harold	172 Ampere Parkway, Bloomfield, N. J.
Drekter, Isaac	1157 Glenmore Ave., Brooklyn, N. Y.
Dreyer, Karl	50 Hanshurst Ave., Weehawken, N. J.
Gesing, George	4932 89th Ave., Richmond Hill, L. I.
Handa, Shinzaburo	108 W. 1st St., Bayonne, N. J.
Holden, Milton	287 S. 7th St., Newark, N. J
Jones, Paul	1475 Bergen St., Brooklyn, N. Y.
Lipiczky, Frank	75 Columbus Ave., Garfield, N. J.
Mackin, Paul	63 Halleck Ave., Ridgewood, L. I.
Noble, Samuel	40 St. Clair Place, New York City
Nocifera, James	113 24th St., Guttenberg, N. J.
Ocko, Morris	359 W. 47th St., New York City
Packman, Malcolm	524 S. 8th Ave., Mount Vernon, N. Y.
Pearlstein, Joseph	2449 84th St., Brooklyn, N. Y.
Rayment, Walter	1843 Norman St., Brooklyn, N. Y.
Roebin, Fred	105 Charles St., New York City
Strale, Charles	18 First St., Weehawken, N. J.
Turner, Edward	200 Greenwich St., New York City
Watson, Jack	230 75th St., Brooklyn, N. Y.
Weinstein, Berthold	327 E. 100th St., New York City

Chemistry

Fourth Year

Fisher, Edith	77 Rose St., Hastings-on-Hudson, N. Y.
Flaherty, James	404 Summer Ave., Newark, N. J.
Geraghty, Edward	42 Howard Ave., Brooklyn, N. Y.
Heiser, Thomas	3716 20th St., Jackson Heights, L. I.
Holtzman, Harry	1045 Hoe Ave., Bronx, N. Y.
Lockwood, George	15 Myrtle St., Bloomfield, N. J.
Miller, Fred	70 Warwick St., East Orange, N. J.
Mensky, Abraham	127 W. 112th St., New York City

Chemistry

Fifth Year

Armbrust, Ferdinand	3314 Woolsey Ave., Long Island City
Arnold, Sydney	410 E. 53rd St., Brooklyn, N. Y.
Ballas, Joseph	125 Stanley Ave., Yonkers, N. Y.
Duner, Leon	735 Linden Boulevard, Brooklyn, N. Y.
Kebrich, Leonard	319 E. 46th St., New York City
Lipschuetz, N.	143-19 102nd Ave., Jamaica, L. I.
Mazel, A.	507 Logan St., Brooklyn, N. Y.
Schoen, Martin	1530 E. 96th St., Brooklyn, N. Y.
Sutter, Charles	523 15th St., Union City, N. J.

Toscani, Vincent	318 E. 47th St., New York City
Winograd, Aaron	1424 Longfellow Ave., Bronx, N. Y.
Woods, J. Edward	191 E. 206th St., New York City

Chemistry

Sixth Year

Carter, Horace	67 W. 11th St., New York City
Ceglowsky, John	2a Linwood Place, Hillside, N. J.
Connolly, Joseph	48-36 46th St., Woodside, L. I.
Heginbothom, Thomas	1931 Walton Ave., New York City
Kaiser, Clifford	Sea Cliff, N. Y.
Kotensky, Joseph	Dewson Ave., Hicksville, N. Y.
Luedeke, Arthur	374 Hallet St., Astoria, L. I.
Pitrot, Adrian	441 E. 87th St., New York City
Segessemann, Ernest	45 Carteret St., Bloomfield, N. J.

Electrical Engineering

First Year, Section 1

Anselmo, Joseph	335 W. 32nd St., New York City
Antos, Maxmilian	396 Woodbine St., Brooklyn, N. Y.
Auerbach, David	332 Hart St., Brooklyn, N. Y.
Berry, Edward	3009 Colden Ave., Brooklyn, N. Y.
Bertero, George A.	74 E. 4th St., Brooklyn, N. Y.
Bogstable, Marcel	391 Washington Ave, N. J.
Botta, Pierre	355 W. 24th St., New York City
Braida, Louis	157 Lexington Ave., New York City
Brown, James	2272 Anrews Ave., Bronx, N. Y.
Burns, Joseph, Jr.	1128 Applegate Ave., Elizabeth, N. J.
Castaing, Emmanuel	7816 Ft. Hamilton Parkway, Brooklyn, N. Y.
Chrisholm, Charles	255 Pacific St., Brooklyn, N. Y.
Cooke, Harry	55 Hanson Place, Brooklyn, N. Y.
Craig, James A	298 Hamilton Place, Hackensack, N. J.
Crowe, George L	10 Simonson Place, Elmhurst, L. I.
Di la Cruz, Miguel	317 E. 5th St., New York City
Dolle, August	8593 98th St., Woodhaven, L. I.
Dupont, William	445 Grand Ave., Astoria, L. I.
Eskin, Isaac	646 Sheffield Ave., Brooklyn, N. Y.
Farrelly, Leonard	561 W. 143rd St., New York City
Gallaher, William	439 Park Ave., Cliffside, N. J.
Gaydos, George	106 Irving Avenue, Brooklyn, N. Y.
Geerkin, Herman	2957 Boulevard, Jersey City, N. J.
Gill, James G	1990 Madison Ave., New York City
Glasner, Joshua	8534 125th St., Richmond Hill, N. Y.
Goldberg, Jacob	1371 Shakespeare Ave., Bronx, N. Y.
Goldman, Israel	924 Hopkins Ave., Brooklyn, N. Y.
Greenberg, Julius	7119 19th Ave., Brooklyn, N. Y.
Hager, John	402 Cortelyou Road, Brooklyn, N. Y.
Hagen, Henry	782 Bergenline Ave., West New York, N. J.
Hyams, Leonard	522 W. 151st St., New York City
Lynch, Joseph	50 W. 86th St., New York City
Salit, Morris	109-11 Farmers Boulevard, Hollis, L. I.
Staucampiano, John	345 E. 12th St., New York City
Weinberg, Harvey	3 Van Siclen Ave., Floral Park, L. I.

First Year, Section 2

Behm, Alfred	29 Bayside Ave., Whitestone, L. I.
Bryan, Irwin	1619 Mayflower Ave, N. J.
Jacobs, Irwin	735 Arnow Ave., Bronx, N. Y.
Joffe, Isaac	8712 89th St., Woodhaven, L. I.
Kallen, Joseph	1500 Boston Road, N. Y.

	1100 Lincoln Place, N. Y.
Kearney, Thomas	533 Trinity Ave., Bronx, N. Y.
Kieser, Silvio	19 Melrose St., Brooklyn, N. Y.
Kraker, Edward	Plainfield, N. J.
Kraus, John	7911 Colonial Road, Brooklyn, N. Y.
Kvande, Thor	306 W. 150th St., New York City
Lampkin, Reyders	1834 Summerfield St., Brooklyn, N. Y.
Langdon, James, Jr.	9538 116th St., Richmond Hill, L. I.
Lauer, Arthur	4635 Brone Boulevard, N. Y.
Lazar, Edward	126 W 63rd St., New York City
Lepesqucor, Raymond	206 W. 86th St., New York City
Levy, Arthur	1230 76th St., Brooklyn, N. Y.
Leyden, Gerard	516 Devon St., Arlington, N. J.
Lindgren, Howard	1548 57th St., Brooklyn, N. Y.
Lowel, Maurice	529 River St., Hoboken, N. J.
Lofgren, Kenneth	10 Fourth St., So. Orange, N. J.
Luffman, Charles	2956 Bainbridge Ave., New York City
Lund, Hunter	506 West 151st St., N. Y.
Luttinger, George	24 Althea St., Clifton, N. J.
Meneghin, Julian	1725 Davidson Ave., Bronx
Michal, Joseph	539 Willoughby Ave., Brooklyn, N. Y.
Miller, Samuel	292 Metropolitan Ave., N. Y.
Mrowka, Joseph	67 E. 127th St., N. Y.
O'Connel, James	102-34 Alstyne Ave., Corona, L. I.
Paduch, Louis	234 E. 14th St., N. Y.
Pansini, Anthony	
Stolte, Fred	1306 So. Chrisholm St., Bronx, N. Y.

First Year, Section 3

Daly, Francis	209 N. Henry St., Brooklyn, N. Y.
Dowling, Joseph	Westbury, L. I.
Kuhlman, Fred	2502 University Ave., Bronx
Pappe, Benedict	283 Grove St., Brooklyn, N. Y.
Parodi, Voctor	38 MacDougal St., N. Y.
Perine, Woodman	1063 E. 37th St., Brooklyn, N. Y.
Phelan, Edward	121 Tuers Ave., Jersey City, N. J.
Phillips, James	10333 103rd St., Ozone Park, L. I.
Piane, Joseph	433 20th St., West New York, N. J.
Previti, Rosario	1178 Bay St., Rosebank, S. I.
Quinn, James	330 E. 126th St., N. Y.
Rabentka, Leo	1181 Trinton Ave., Bronx
Remington, Robert	139 Steuben St., East Orange, N. J.
Rogie, James	94 Park Place, Brooklyn, N. Y.
Scalzo, Charles	20 Stanton St., N. Y.
Schiffer, Sam	367 E. 10th St., New York City
Schottler, George	972 Home St., N. Y.
Schroeder, Leo	Admont Ave., Franklin Square, L. I. City
Schusdek, John	337 E. 77th St., N. Y.
Schwaikert, Walter	527 Halsey St., Brooklyn, N. Y.
Silvers, Walter	37 Riverside Drive, N. Y.
Slavin, Joseph	655 S. Broad St., Elizabeth, N. J.
Sparr, Anton	407 E. 16th St., N. Y.
Stern, Fred	345 Manhattan Ave., N. Y.
Tomachek, Martin	886 Steinway Ave., Astoria
Van Blerkom, Leopold	1227 Webster Ave., Bronx
Weiss, Benjamin	672 Wales Ave., Bronx
Weiss, Michael	1298 De Kalb Ave., Brooklyn
Whelan, Albert	510 W. 147th St.
Whelan, Arthur	510 W. 147th St.
Woerter, William	18416 Wexford Terrace, Hollis, L. I.
Wohlgemuth, Adolph	1151 E. 165th St., Bronx
Wurmser, Alphonso	66 Paterson Plank Road, Union City, N. J.

Electrical Engineering

Second Year, Section 1

Aders, William	9902 Ft. Hamilton Pky., Brooklyn, N. Y.
Antere, Segud	1 W. 127th St., N. Y.
Bateman, John	137 Central Ave., Orange, N. J.
Bies, Frank	10943 109th St., Richmond Hill, L. I.
Borges, Clement	1416 Cedar Ave., Far Rockaway, L. I.
Bosch, Robert	373 Webster Ave., Jersey City, N. J.
Breitwieser, George	77 Hackensack Plank Road, Weehawken, N. J.
Broden, Francis	130 E. 4th St., Brooklyn, N. Y.
Bruckman, Frank	421 Prospect Place, Brooklyn, N. Y.
Carroll, Michael	2905 8th Ave., N. Y.
Denmark, Robert	144 Harrison Ave., Brooklyn, N. Y.
Dundastscheck, Louis	2473 Broadway, N. Y.
Emery, Gordon	1938 E. 13th St., Brooklyn, N. Y.
Escala, Clinton	240 46th St., Union City, N. J.
Faley, George	30 Hudson Terrace, Edgewater, N. J.
Foerusler, Louis	11113 113th St., Richmond Hill, L. I.
Fox, Albert	971 Westchester Ave., Bronx
Geinbert, Walter	283 Leurbeck Ave., Jersey City
Geonti, Arthur	218 Belmont Ave., Paterson, N. J.
Gold, Samuel	1617 Prospect Place, Brooklyn, N. Y.
Graumin, George	287 W. 150th St., New York City
Greenberg, Jack	35 Delmonico Place, Brooklyn, N. Y.
Hecht, George	92 Jane St., N. Y.
Heyman, Samuel	398 Sutter Ave., Brooklyn, N. Y.
Hoefler, Herbert	55 W. 174th St., N. Y.
Hunter, Frank	70-12 Hansen St., Forrest Hills, L. I.
Jenne, Marcel	49 Grove St., N. Y.
Kenz, Michael	530 W. 153rd St., N. Y.
Kelinfelder, Arthur	295 W. St., Union City, N. J.
Konstang, Leon	1950 Bryant Ave., N. Y.
Kukkonen, Paavo	67 W. 126th St., N. Y.
Lewis, Raymond	3721 62nd St., Woodside, L. I.
Little, Herbert	34 Cooper St., Brooklyn, N. Y.
Lurkis, Alex	141 W. 4th St., Mount Vernon, N. Y.
Meyer, Charles	222 Sheridan Ave., Roselle, N. J.
Milorta (Louis	183-05 89th Ave., Jamaica
Moore, Leo	49 North St., Bayonne, N. J.
Pasquale, Joseph	39 King St., N. Y.
Raile, Fred	1745 Park Ave., N. Y.
Van Sicklen, Edward	41 Vail St., Islip, L. I.

Second Year, Section 2

Anderson, William	214 Adelphi St., Brooklyn, N. Y.
Balsdon, E. J.	45 First St., Bayside, L. I.
Brooks, Edward	96 St. Marks Place, N. Y.
Grossman, Louis	200 E. 102nd St., N. Y.
Kelly, Peter	809 Crescent St., Astoria, L. I.
Kimmich, William	157 E. 112th St., N. Y.
Martinez, Clement	350 W. 118th St., N. Y.
Morey, Harold	234 Carlton Ave., Brooklyn, N. Y.
Muller, Oscar	82 Third St., Clifton, N. J.
Mulloy, J. W.	121-23 103rd St., Richmond Hill, L. I.
Nicholson, Henry	197 12th St., Woodridge, N. J.
Nielson, Charles	8 Lawn Terrace, Cranford, N. J.
Nigro, Patsy	613 Kusciusko St., Brooklyn, N. Y.
Nyitray, Joseph	34-37 111th St., Corona, L. I.
O'Reilly, John	617 W. 135th St., N. Y.
Orenstein, Morris	1029 First Ave., N. Y.
Ornitz, Carl	1726 Union St., Brooklyn, N. Y.
Peterson, Arthur	186 Union Ave., Belleville, N. J.

Richter, Abraham	1132 Fox St., Bronx, N. Y
Richter, Edward	1132 Fox St., Bronx, N. Y.
Rodemann, Alfred	5736 Mosholu Ave., Riverdale, N. Y.
Rogalsky, Walter	13 Milton Ave., Jersey City, N. J.
Rowler, Kenneth	112 Haven Ave., New York City
Rudiger, Carl	1427 Van Alst Ave., Astoria, L. I.
Ryan, John	432 E. 137th St., N. Y.
Sabelsak, William	240 Manhattan Ave., N. Y.
Sands, Joseph	1559 Lexington Ave., N. Y.
Sarka, August	40-24 74th St., Jackson Heights, N. Y.
Scacchetti, Attilio	251 Bergenline Ave., Union City, N. J.
Schalk, Robert	1848 67th St., Brooklyn, N. Y.
Schneider, Charles	1898 Belmont Ave., Bronx, N. Y.
Schonfield, Kurt	12 Van Reipen Ave., Jersey City, N. J.
Seitz, Fred	446 W. 50th St., New York City
Serry, Edward	431 W. 125th St., N. Y.
Skrotki, Bernhardt	342 Cornelia St., Brooklyn, N. Y.
Slezak, Stanley	324 Sixth St., New York City
Squitoeri, Tobias	638 Union St., Brooklyn, N. Y.
Stubner, Franz	2574 Myrtle Ave., Brooklyn, N. Y.
Talamini, E. J	464 4th Ave., Newark, N. J.
Trevor, Temple	2396 Valentine Ave., Bronx, N. Y.
Timm, Lester	109 Erie St., Jersey City, N. J.
Trampcsh, Ralph	2006 Woodbine St., Brooklyn, N. Y.
Ulreich, Friedrich	889 8th Ave., Astoria, L. I.
Winter, Frank	132 45th St., Union City, N. J.
Zulieg, John	235 E. 60th St., New York City

Electrical Engineering

Third Year, Section 1

Bleicher, Otto	464 Potter Ave., L. I. City
Buchler, Max	3609 Broadway, N. Y.
Coles, Charles	1172 Ocean Ave., Brooklyn, N. Y.
Conti, Antonio	11 Stone St., Yonkers, N. Y.
Denardo, James	699 S. 18th St., Newark, N. J.
Eberbach, Arnulf	29 Maple Ave., Kearney, N. J.
Elsti, Charles	520 Jersey Ave., Elizabeth, N. J.
Ennis, Elmer	1011 Olive St., Elizabeth, N. J.
Fuller, S. J.	10430 131st St., Richmond Hill, L. I.
Grant, Mark	1204 Gilbert Place, N. Y.
Hefele, John	2476 Elm Place, Fordham, N. Y.
Johnson, Harold	212 E. 126th St., N. Y.
Jordan, Joseph	205 Cator Ave., Jersey City, N. J.
Kagan, Paul	2369 4th Ave., Astoria, L. I.
Kalin, Walter	1922 Bogart Ave., New York City
Kassoy, Nathan	817 Bryant Ave., New York City
Granth, Edwin	1469 Fulton Ave., Bronx, N. Y.
La Polt, Gerald	5 W. 125th St., New York City
Larkin, James	420 E. 142nd St., New York City

Third Year, Section 2

Bafundo, Rocco	38 Edgewood Park, New Rochelle, N. Y.
Japp, Alexander	102 Columbia Ave., Morsenere, N. J.
Laurence, Rodolph	Kinderkamack Road, Riveredge, N. J.
Leiliner, Philip	330 Dahill Road, Brooklyn, N. Y.
LoDinto, Frank	869 E. 156th St., N. Y.
McDonald, D. J.	2038 Fulton St., Brooklyn, N. Y.
Maloney, Edwin	30 Covert St., Brooklyn, N. Y.
Merer, Carl	201 E. 28th St., New York City
Olander, Carl	148 Oakdene Ave., Teaneck, N. J.
Pailler, Robert	131 W. 77th St., New York City
Pansini, Frank	234 E. 14th St., New York City

Roehr, William, Jr.	3210 Eastchester Road, N. Y.
Sookman, N.	57 E. 3rd St., New York City
Stan, Harry	584 E. 139th St., New York City
Stromberg, Sven	908 52nd St., Brooklyn, N. Y.
Stutz, Francis	335 Broadway, Union City, N. J.
Sutcliffe, Raymond	2149 Hudson Boulevard, Jersey City, N. J.
Tejada, Charles	40 W. 91st St., New York City
Weissberg, Martin	1287-9 Hoe Ave., Bronx, N. Y.
Zurich, George	1878 7th Ave., New York City

Electrical Engineering

Fourth Year

Anthes, A.	218 W. 27th St., New York City
Bartlett, John	66 Fenimoore St., Brooklyn, N. Y.
Blumstein, Gustave	1505 Boston Road, N. Y.
Bruno, Simon	522 Glenmore Ave., Brooklyn, N. Y.
Cadavero, Alfred	855 E. 218th St., New York City
Carbone, Edward	4702 Ft. Hamilton Pk'y, Brooklyn, N. Y.
Cassidy, Vincent	425 73rd St., Brooklyn, N. Y.
Congilose, Frank	615 Bloomfield St., Hoboken, N. J.
Eddlestone, J.	564 Vermont St., Brooklyn, N. Y.
Epstein, Solomon	490a Jefferson Ave., Brooklyn, N. Y.
Friedl, George	3171 32nd St., L. I. City
Fritschl, Walter	3968 59th St., Woodside, L. I.
Gavina, George	1748 Garfield St., New York City
Gemmelli, J. J.	72 W. 107th St., New York City
Goddard, Ernst	457 47th St., Brooklyn, N. Y.
Gottron, Gustave	2537 Decatur Ave., New York City
Halpern, Jacob	327 Beekman Ave., Bronx, N. Y.
Herbst, Bruce	512 Wythe Ave., Brooklyn, N. Y.
Johnson, Alexander	1663 Troy Ave., Brooklyn, N. Y.
Kenneally, Daniel	485 Central Park West, New York City
Kessler, Louis	824 Mt. Prospect Ave., Newark, N. J.
Michal, Otto	1725 Davidson Ave., Bronx, N. Y.
Mollers, John	386 E. 161st St., Bronx, N. Y.
Monacci, Lando	115 Edgecombe Ave., Bronx, N. Y.
Nohse, William	144 E. 17th St., New York City
Petroff, Nicholas	164 N. 14th St., East Orange, N. J.
Powers, Stephen	1210 Washington St., Hoboken, N. J.
Purgalin, Abraham	41 Chauncey St., Astoria, L. I.
Reitter, G. E.	33 Highland Place, Ridgefield Park, N. J.
Riedell, William	147 Moffat St., Brooklyn, N. Y.
Saltzbart, Joseph	621 E. 137th St., New York City
Scanlon, John	282 Reservoir Place, Bronx, N. Y.
Schreiber, William	1178 Clay Ave., Bronx, N. Y.
Speier, Berthold	351 Onderdonk Ave., Ridgewood, N. Y.
Spitaleri, Sylvester	2348 7th Ave., Astoria, L. I.
Stone, Alfred W.	531 38th St., Union, N. J.
Thomson, Thomas	27 Livingston Ave., Lyndhurst, L. I.
Weinstein, Max	1947 Bergen St., Brooklyn, N. Y.
Wirtheimer, Albert	1372 Grant Ave., Bronx, N. Y.
Wetmore, H. Douglas	3110 Bailey Ave., N. Y.
Willen, Nils	208 N. 11th St., Newark, N. J.
Winterberg, S. J.	451 Palisade Ave., West New York, N. J.

Electrical Engineering

Fifth Year

Baronigian, Baronig	205 Second Ave., New York City
Beckmann, William	8845 187th St., Hollis, L. I.
Cornish, Arthur	410 E. 141st St., New York City

Critchley, William	281 Carlton Ave., Brooklyn, N. Y.
Angelis, George	42 Carmine St., New York City
Einicke, Robert	2033 Gates Ave., Brooklyn, N. Y.
Feldstein, M.	2341 Webster Ave., New York City
Foy, George	100 Diamond St., Brooklyn, N. Y.
Gould, Peter	2061 73rd St., Brooklyn, N. Y.
Harte, Joseph	546 E. 149th St., Bronx, N. Y.
Joseph, William	Ocean Ave., Rosedale, L. I.
Kahn, J. Roosevelt	61-55 Linden Ave., Ridgewood, L. I.
Lind, John	7715 86th Ave., Woodhaven, L. I.
Marchese, Vincent	514 Decatur St., New York City
Martin, Robert	446 E. 179th St., Bronx, N. Y.
May, Harold	2428 Grove St., Brooklyn, N. Y.
McEnaney, Frank	37 Kingsland Ave., Brooklyn, N. Y.
Meszar, John	337 E. 16th St., New York City
Miller, Frederich	2259 Houghton Ave., New York City
Monaca, Joseph	106 Bay 38th St., Brooklyn, N. Y.
Orner, Martin	219 W. 100th St., New York City
Otto, Emil	2355 Grand Concourse, New York City
Pfarrer, Richard	136 Berwyn St., Rosselle Park, N. J.
Rafuse, Irad	9411 96th St., Woodhaven, L. I.
Robertson, Donald	858 E. 217th St., New York City
Rochau, Edward	264 W. 113th St., New York City

Schlottmann, Frederick	68 Alton Place, Brooklyn, N. Y.
Squires, Raymond	188 Claremont Ave., New York City
Trachtmann, Harold	335 E. 94th St., New York City
Troy, John	55 Hanson Place, Brooklyn, N. Y.
Vieth, Leonard	3127 81st St., Jackson Heights, L. I.

General Science

First Year, Section 1

Anderson, John	509 E. 78th St., New York City
Banton, Francis	205 15th St., West New York, N. J.
Baversi, Peter	826 E. 228th St., Bronx, N. Y.
Beckenstein, Louis	100 Monroe St., New York
Bergmanson, Carl	40 W. 70th St., New York City
Berkowitz, Joseph	159 Forsyth St., New York City
Bernat, Stanley	431 Audubon Ave., Bronx, N. Y.
Bersig, Walter	1343 E. 29th St., Brooklyn, N. Y.
Borer, August	20 N. 4th St., Paterson, N. J.
Briganti, Arnold	155 W. 76th St., New York City
Brommage, George	109 S. Oxford St., Brooklyn, N. Y.
Brown, Joseph	142 W. 91st St., New York City
Campolong, Joseph	7120 Oakland Place, New York City
Clifford, Harry	307 Kerrigan Ave., Union City, N. J.
Cohen, David	1648 52nd St., Brooklyn, N. Y.
Conkling, Victor	156 Fype Lane, Teaneck, N. J.
Crowther, George	275 Marloboro Road, Brooklyn, N. Y.
Davis, Karl	466 E. 10th St., New York City
Dienes, Robert	402 Marion St., Brooklyn, N. Y.
Di Diacomo Rocco	31 Essex St., New York City
Dwyer, Richard	715 5th St., Lyndhurst, N. J.
Eck, Frank	295 E. Burnside Ave., New York City
Elliot, Robert	375 Communipaw Ave., Jersey City, N. J.
Emery, Howard	1738 E. 13th St., Brooklyn, N. Y.
Fetherstone, George	110 Westervelt Ave., Plainfield, N. J.
Gaynor, Hugh	316 W. 117th St., New York City
Geraghty, James	42 Howard Ave., Brooklyn, N. Y.
Golombowsky, John	4320 55th St., Woodside, L. I.
Gluck, Arthur	587 E. 137th St., Bronx, N. Y.
Grupe, George	737 Kingsland Lane, Grantwood, N. J.
Guinee, Edward	401 Thompson Ave., Roselle, N. J.

Harrington, Joseph	372 80th St., Brooklyn, N. Y.
Higgins, Joe	457 N. Walnut St., East Orange, N. J.
Muller, Alfred	76 Academy St., L. I. City
Van Ommerin, Anton	460 Hancock St., Brooklyn, N. Y.

First Year, Section 2

Askowitz, Sol	462 Georgia Ave., Brooklyn, N. Y.
Davis, Arthur	661 Palisade Ave., Jersey City, N. J.
Durk, Peter	223 Madison St., Hoboken, N. J.
Fertitta, Vincent	508 E. 12th St., New York City
Fleming, John	109 W. 101st St., New York City
Holzer, Albert	546 Devon St., Arlington, N. J.
Hornby, Cecil	31 Belmont Ave., Jersey City, N. J.
Houghton, Burr	215 W. 23rd St., New York City
Hutchins, William	2290 Aqueduct Ave., Bronx, N. Y.
Isemann, Abraham	1308 St. Lawrence Ave., New York City
Jennings, Theo. R.	Franklin Ave., Hewlett, L. I.
Johnson, David	1737 Garfield St., New York City
Kammann, Herbert	5 Third St., Weehawken, N. J.
Kargman, Alex	452 Atlantic Ave., Brooklyn, N. Y.
Kearns, Henry	Mohican Park, Dobbs Ferry, N. Y.
Kemmer, Adam	9314 112th St., Richmond Hill, N. Y.
Kerrigan, Frederick	10 W. 121st St.
Kosowsky, Hyman	26 Montgomery St., New York City
Krantz, Henry	2214 Chatterton Ave., Bronx, N. Y.
Krakora, George	31-39 91st St., Elmhurst, L. I.
Landsman, Isadore	633 Lexington Ave., Brooklyn, N. Y.
Langbein, Walter	2385 Grand Concourse, N. Y.
Laner, Robert	162 12th St., Long Island City, N. Y.
Laughton, John	Detroit Ave., Staten Island, N. Y.
Loewenthal, Julius	454 78th St., Brooklyn, N. Y.
Lonzar, Joseph	435 E. 71st St.
Macri, James	491 Avenue "A," Bayonne, N. J.
Martorano, Philip	33-17 99th St., Corona, L. I.
Matchette, John	32 Dover St., Paterson, N. J.
Mattson, Clarence	320 6th St., Brooklyn, N. Y.
McCusker, Edward	768 Amsterdam Ave., New York City
McWhood, Thorne	840 70th St., Brooklyn, N. Y.
Montemurro, Rocco	416 3rd Ave., New York City
Mortenson, Gustave	203 5th Ave., Brooklyn, N. Y.
Muhlstiff, Robert	105 W. 105th St., New York City
Olifiers, Cornelius	1214 Hancock St., Brooklyn, N. Y.
Olino, John	833 2nd Ave., New York City
Nagel, W.	340 E. 139th St., New York City
Negretti, Charles	34 2nd Ave., Paterson, N. J.
Pantzke, Herman	106 W. 105th St., New York City
Pfister, Eugene	2089 Hoyt Ave., Fort Lee, N. J.
Walker, Thomas	1007 Grant Ave., New York City

First Year, Section 3

Brothers, Sydney	1901 Ocean Parkway, Brooklyn, N. Y.
Carpenter, Gordon	364 83rd St., Brooklyn, N. Y.
Cassidy, George	116 E. 128th St., New York City
Dimatto, John	124 Broadway, Jersey City, N. J.
Golombowsky, Louis	4320 Cleveland Ave., Woodside, L. I.
Levi, Solomon	312 Johnson Ave., Brooklyn, N. Y.
Long, John	409 W. 30th St., New York City
Malinowski, Frank	17 Willow St., Marmaroneck, N. Y.
Patten, John	280 Dean St., Brooklyn, N. Y.
Pincus, Harry	444 Powell St., Brooklyn, N. Y.
Plaskowitz, Herman	55 Forsyth St., New York City
Plummer, Bernard	1060 Sheridan Ave., New York City
Poli, Thomas	236 E. 42nd St., New York City
Rabinovich, David	335 Penn Ave., Brooklyn, N. Y.

Regan, Richard	308 W. Front St., Plainfield, N. J.
Roos, Stephen	345 E. Ridgewood Ave., Ridgewood, N. J.
Rosenblatt, Arthur	2555 Linden St., Brooklyn, N. Y.
Rith, Michael	320 E. 92nd St., New York City
Savage, Andrew	436 E. 139th St., New York City
Savino, Joseph	150 16th St., West New York, N. J.
Schipper, Irving	339 Crimmins Ave., New York City
Schmehl, Conrad	24 Riverside Ave., Lyndhurst, N. J.
Schmidt, Edgar	638 Crotona Park, South Bronx, N. Y.
Schoeman, David	1034 Freeman St., Bronx, N. Y.
Schulman, Louis	2057 67th St., Brooklyn, N. Y.
Simmons, Lester	7904 Ridge Blvd., Brooklyn, N. Y.
Smith, Vincent	1286 Putnam Ave., Brooklyn, N. Y.
Solov, Abraham	1721 Bathgate Ave., Bronx, N. Y.
Stafford, Aubrey	33 Radford St., Yonkers, N. Y.
Taylor, Robert	699 E. 137th St., Bronx, N. Y.
Tweedy, Edwin	194 Forbett Ave., Brooklyn, N. Y.
Van Dam, John	158 Washington Place, Hasbrouck Hgts., N. J.
Van Eck, Robert	1035 Victory Blvd., New Brighton, N. Y.
Wahlers, Henry	131 Post Ave., Lyndhurst, N. J.
Watson, Thomas	337 51st St., Brooklyn, N. Y.
Witkin, Harry	1604 Bathgate Ave., Bronx, N. Y.
Webb, John	3170 Rawlins Ave., New York City
Wohl, Jack	55½ Lorimer St., Brooklyn, N. Y.
Zampsch, Otto	119 25th St., Guttenberg, N. J.
Zieve, William	45 Bay 23rd St., Brooklyn, N. Y.
Zuleeg, Charles	235 E. 60th St., New York City

General Science

Second Year, Section 1

Altschuler, Frank	134 Avenue "D," New York City
Archer, David	492 E. End St., Brooklyn, N. Y.
Asch, Abraham	215 Madison St., New York City
Aucutt, William	458 W. 131st St., New York City
Baker, Thomas	550 E. 85th St., New York City
Beebe, Frank	3649 Hudson Blvd., Jersey City, N. J.
Bulmenstock, Nathan	818 E. 150th St., Bronx, N. Y.
Bothwell, Edward	171 Pelton Ave., Staten Island, N. Y.
Brass, William	21-40 45th St., Long Island City
Brescia, Nicholas	30 Prescott St., Jersey City, N. J.
Buhler, Fred	20015 100th Ave., Hollis, N. Y.
Campbell, Joseph	4846 Caralin St., Woodside, L. I.
Cifarelli, Andrew	376 Baldwin Ave., Jersey City, N. J.
Cunningham, George	219 Van Horne St., Jersey City, N. J.
Curley, John	122 Mercer St., Jersey City, N. J.
Decker, Charles	80-20 88th Road, Woodhaven, N. Y.
Dilucian, Joseph	43 Hansom Place, Glendale, L. I.
Dokalit, John	324 E. 69th St., New York City
Donnelly, Frank	161 St. Nicholas Ave., New York City
Ehbrecht, Adolf	1956 Crotona Parkway, Bronx, N. Y.
Ehrenzweig, John	507 W. 59th St., New York City
Fallon, David	25 Boyd Ave., Jersey City, N. J.
Feiler, David	266 E. Houston St., New York City
Fody, Joseph	51-48 Simmins St., Elmhurst, L. I.
Fortunato, Mark	9005 107th Ave., Ozone Park, N. Y.
Frey, Alfred	33 78th Road, Flushing, N. Y.
Gerrie, Robert	52 22nd St., West New York, N. J.
Golden, John	20 Somme St., Newark, N. J.
Hart, James	327 W. 12th St., New York City
Hotaling, Ronald	1112 72nd St., Brooklyn, N. Y.
Kisbany, George	105 Weston Place, West New York, N. J.
MacLean, Arthur	628 3rd Ave., New York City
Mennonna, James	106 Pocantico St., North Tarrytown, N. Y.
Wade, DeForrest	164 11th St., Long Island City, N. Y.

Second Year, Section 2

Boecquio, John	609 Dunellen Ave., Dunellen, N. J.
Burrows, Charles	2625 Faragut Road, Brooklyn, N. Y.
Delbourgo, Salvo	8856 163rd St., Jamaica, N. Y.
Dodonoff, William	128 W. 11th St., New York City
Dwyer, Paul	117 Kearney St., Paterson, N. J.
Fucci, James	492 Central Ave., Union City, N. J.
Healy, Thomas	26 Caspian St., Elizabeth, N. J.
Henderson, George	308 Fairmont Ave., Jersey City, N. J.
Heughebart, August	112 E. 30th St., New York City
Hundley, Frank	106 23rd St., Jackson Heights, N. Y.
Jacoby, Joseph	249 Hart St., Brooklyn, N. Y.
Johnanson, John	32 Warren Ave., Palisade, N. J.
Kammerer, Oscar	116 Grant Ave., Nutley, N. J.
Keating, John	1048 73rd St., Brooklyn, N. Y.
Kelz, Leo	71 Chester Ave., Brooklyn, N. Y.
Klein, Max	14 Lombardy St., Brooklyn, N. Y.
Klotz, George	43 Orchard St., Ridgefield Park, N. J.
Lammers, Raymond	39-40 57th St., Woodside, N. Y.
Lasciak, Charles	279 Hudson St., New York City
Lutcha, John	57 Willow St., Astoria, N. Y.
Lynch, John	70 Nichols Ave., Corona, L. I.
Magrath, Arthur	8548 109th St., Richmond Hill, N. Y.
Mancini, John	437 E. 114th St., New York City
Matthews, William	847 Hart St., Brooklyn, N. Y.
Mattke, Charles	925 Steinway Ave., Long Island City
McClure, Lewis	390 St. John Place, Brooklyn, N. Y.
Merrill, Charles	425 N. Y. Ave., Union City, N. J.
Milford, Albert	919 Trinity Ave., Bronx, N. Y.
Oliver, William	81 Andros Ave., Staten Island, N. Y.
Perotto, Ribuelle	263 Palisade Ave., Union City, N. J.
Puy, Francis	511 19th St., Union City, N. J.
Sadler, Charles	249 W. 107th St., New York City

Second Year, Section 3

Creteur, Rudolph	413 E. 83rd St., New York City
Fitzgerald, Gerald	416 3rd Ave., New York City
Gibson, M. A.	508 Lenox Ave., New York City
Gragnola, John	315 E. 104th St., New York City
Heifetz, Sidney	335 Grand St., Brooklyn, N. Y.
Humphreys, Evan	214 Barry Ave., Mamaroneck, N. Y.
Maloy, Charles	8827 190th St., Hollis, N. Y.
O'Connell, John	650 Pasida Ave., Jersey City, N. J.
Perrone, Stephen	55 83rd St., Jackson Heights, N. Y.
Peterson, Robert	533 84th St., Brooklyn, N. Y.
Pillartz, Walter	511 W. 59th St., New York City
Poinsette, Harry	55 Hansom Place, Brooklyn, N. Y.
Pradl, George	26 Laconia St., Elmhurst, N. Y.
Przygodski, Frank	10 Meta Place, Mespeth, L. I.
Purcell, Raymond	247 Waverly Place, N. Y.
Reich, Oscar	754 E. 152nd St., New York City
Ruskin, Maurice	2130 61st St., Brooklyn, N. Y.
Samarin, Leo	453 W. 155th St., New York City
Santora, Paul	5411 Junction Blvd., Queens, N. Y.
Shipley, John	22 Clarke Ave., Jersey City, N. J.
Sieb, Henry	175 N. Broadway, Yonkers, N. Y.
Silverman, Lewis	1605 Avenue "V," Brooklyn, N. Y.
Steinberg, Solomon	1413 Prospect Ave., Bronx, N. Y.
Thomson, Raymond	227 15th St., Brooklyn, N. Y.
Triano, Anthony	309 Duer St., Plainfield, N. J.
Vamos, Leslie	18 W. 102nd St., New York City
Vanpel, Karl	31-52 45th St., Long Island City, N. Y.
Vonderahe, Louis	773 Howe St., Bronx, N. Y.
Wanderer, Henry	164 Mad Ave., Elizabeth, N. J.

General Science

Third Year, Section 1

Anderson, Alfred	283 Argyle Place, Arlington, N. J.
Ash, Reginald	791 11th Ave., Astoria, N. Y.
Bilotta, Nicholas	284 E. 114th St., Bronx, N. Y.
Bradkin, Samuel	1707 University Ave., Bronx, N. Y.
Caggiano, Nicholas	468 Central Park, West New York City
Di Maria, Joseph	122 Gatling Place, Brooklyn, N. Y.
Flannery, Joseph	225 Third St., Jersey City, N. J.
Folgner, Arthur	575 W. 177th St., New York City
Hansa, Frederick	194 Hillside Terrace, Staten Island
Jaeger, Henry	105 Dewey St., Newark, N. J.
Laber, Herbert	444 E. 87th St., New York City
Lawrence, Edwin	1140 40th St., Brooklyn, N. Y.
Marra, James	339 E. 55th St., New York City
McBreen, Edwin	143 Beechwood Ave., Staten Island, N. Y.
McNamara, Theodore	241 Hancock Ave., Jersey City
McLachlan, Adam	55 Bayview Ave., S. Norwalk, Conn.
Mihalo, John	114 Spruce St., E. Port Chester, N. Y.
Newman, Adolf	41 E. 7th St., New York City
Penna, Nicholas	114 Fremont St., Harrison, N. Y.
Pinkus, Benjamin	215 Kosciusko St., Brooklyn, N. Y.
Rebosa, Constancio	317 E. 5th St., New York City
Rimon, Stanley	29 W. 93rd St., New York City
Sapiro, Harold	970 Tinton Ave., New York City
Scelfo, Alfred	169 Lafayette St., Newark, N. J.
Shteinshleifer, Borris	16 E. 7th St., New York City
Silvermintz, Joseph	247 Hooper St., Brooklyn, N. Y.
Slonk, Morris	321 51st St., Brooklyn, N. Y.
Van Rosenburgh, John	306 Van Houten St., Patterson, N. J.
Voohris, Chester	64 Maine Ave., Rockville Centre, L. I.
Zaino, Pasqualle	87 Webster Ave., Long Island City, N. Y.

Third Year, Section 2

Altin, Alexander	720 W. 181st St., New York City
Blesl, John	946 Woodycrest Ave., New York City
Brand, George	975 3rd Place, North Bergen, N. J.
Burriello, Michael	389 N. Y. Ave., Union City, N. J.
Connell, Harold	190 South Ave., Staten Island, N. Y.
Connelly, John	173 Sherman St., Passaic, N. J.
De Hart, Floyd	36 N. 17th St., East Orange, N. J.
Frierman, Max	628 Essex St., Brooklyn, N. Y.
Glover, Archibald	578 Hancock St., Brooklyn, N. Y.
Harmsen, Henry	155 Madison Ave., Clifton, N. J.
Kastner, Henry	461 Hawthorne Ave., Newark, N. J.
Lachman, Louis	372 Palmetto St., Brooklyn, N. Y.
Lebedef, Ivan	667 40th St., Brooklyn, N. Y.
Lifschitz, Louis	409 Rodney St., Brooklyn, N. Y.
Longnecker, Walter	65 Oakdine Ave., Grantwood, N. J.
Martin, Anthony	267 Ainslie St., Brooklyn, N. Y.
McCabe, Valentine	32-73 44th St., Long Island City
McDermott, Thomas E.	141 Centre St., New York City
Naujock, Fred	660 79th St., Brooklyn, N. Y.
Ortalli, Joseph	374 E. 209th St., New York City
Richter, William	24-46 Butler St., East Elmhurst, L. I.
Steilen, George	120-11 Farmers Ave., St. Albans, L. I.
Taymor, Solomon	850 E. 164th St., Bronx, N. Y.

Third Year, Section 3

Burns, John	654 Bergen Ave., Jersey City, N. J.
Clarke, Hugh	243 Clark St., Jersey City, N. J.

Cochrane, Fred	492 5th St., Brooklyn, N. Y.
Cody, William	66 Hope Ave., Staten Island, N. Y.
Fougere, Joseph	1036 E. 10th St., Brooklyn, N. Y.
Fraser, J. D.	216 Kearney Ave., Perth Amboy, N. J.
Genderovsky, Solomon	51 Atlantic St., Jersey City, N. J.
Georgia, James	1097 Summit Ave., Jersey City, N. J.
Gilloon, Daniel	564 E. 3rd St., Brooklyn, N. Y.
Graham, William	8 Waldo Ave., White Plains, N. Y.
Groening, Herbert	120-19 132nd St., S. Ozone Park, N. Y.
Jackson, Albert	6 Fenwick St., East Norwalk, Conn.
Lamperti, Louis	4180 Laconia Ave., Bronx, N. Y.
Lindreit, Gustav	156-35 117th St., Howard Beach, N. Y.
Lustig, Leo	334 E. 6th St., Plainfield, N. J.
Noll, Emil	627 Willow Ave., Hoboken, N. J.
Novak, Charles	1278 E. 27th St., Brooklyn, N. Y.
Raffy, Charles	309 W. 99th St., New York City
Sippel, Paul	668 Varsity Road, South Orange, N. J.
Schwind, George	349 E. 15th St., Brooklyn, N. Y.
Silverberg, Harry	1356 Sheridan Ave., Bronx, N. Y.
Smith, Stephen	616 Summit Ave., Jersey City, N. J.
Tobias, Louis	49 Herzl St., Brooklyn, N. Y.
Van Nostrand, Walter	16 Palmer Ave., Staten Island, N. Y.
Vissers, Raymond	118 W. 63rd St., New York City
Wolfson, Nathan	1174 Jackson Ave., Bronx, N. Y.
Young, George	10 Van Houten Ave., Jersey City, N. J.

Mechanical Engineering

Fourth Year

Alimoff, V	60 Manhattan Ave., New York City
Anzider, A. M.	161 E. 35th St., New York City
Attkiss, Philip	1340 55th St., Brooklyn, N. Y.
Brunck, Peter	606 River Terrace, Hoboken, N. J.
Carlson, V. S.	129 10th St., Brooklyn, N. Y.
Carroll, James	1865 Linden St., Brooklyn, N. Y.
Cavagnet, Lucien	340 W. 35th St., New York City
Clementi, Paul	458 55th St., Brooklyn, N. Y.
De Groot, John	393 Central Ave., Newark, N. J.
Duran, B. A.	77 E. 113th St., New York City
Forsberg, Karl	1152 E. 32nd St., Brooklyn, N. Y.
Frey, Max	354 Mott Ave., New York City
Haas, William	8516 110th Ave., Ozone Park, N. J.
Hagedorn, Henry	545 2nd Ave., Astoria, N. Y.
Hamm, Alex	234 W. 21st St., New York City
Hanasek, Frank	118 Valentine Ave., Glendale, L. I.
Hartkopf, Harry	1051 North Ave., Elizabeth, N. J.
Janssen, Henry	158 Forley St., Elmhurst, L. I.
Kristo, Fred	402 E. 69th St., New York City
Kroner, Leo	1602 E. 52nd St., Brooklyn, N. Y.
Kukowitz, Louis	4139 Hancock Place, Woodside, L. I.
Kulda, Herman	1494 Hoe Ave., New York City
Longenegger, H.	499 Lincoln Place, Brooklyn, N. Y.
Lipschitz, Simon	1678 St. Johns Place, Brooklyn, N. Y.
McCormick, William	132 Gerry Ave., Elmhurst, L. I.
Mischke, Joseph	323 E. 90th St., New York City
Morgenroth, George	510 Sussex St., Harrison, N. J.
Motta, Louis	13-17 Ave, Patterson, N. J.
Murray, John	11 E. 40th St., Bayonne, N. J.
Reiber, George	234 Lincoln Place, Brooklyn, N. Y.
Ruby, Charles	107-21 121st St., Richmond Hill, N. Y.
Ryder, F. C.	2063 Valentine Ave., Bronx, N. Y. C.
Saunders, Eric	216 W. 149th St., New York City
Schlesinger, Charles	4241 Barnes Ave., Bronx, N. Y.
Schneider, Frank	212 Oak St., Weehawken, N. J.

Schwind, E. A.	641 E. 4th St., Brooklyn, N. Y.
Seguso, Oswald	31 Fairview Ave., Tuckahoe, N. Y.
Seidl, F.	15 Morton Ave., Middle Village, L. I.
Then, Edward	21 Wall St., Newark, N. J.
Torraco, Peter	409 Summit Ave., Jersey City, N. J.

Civil Engineering

Fourth Year

Alexander, B.	437 Manhattan Ave., New York City
Alt, William	28 Arion Place, Brooklyn, N. Y.
Baird, Donald W.	S. Broadway, Nyack, N. Y.
Bloom, Ben	517 Greene Ave., Brooklyn, N. Y.
Brady, Joseph	997 Summit Ave., Bronx, N. Y.
Brass, Eugene W.	21-40 45th St., Long Island City
Cagnani, Joseph	1108 E. 179th St., New York City
Cook, A. J.	144 E. 208th St., Bronx, N. Y.
Cook, Rudolph	2059 Davidson Ave., Bronx, N. Y.
Crosson, Robert	89 Portland Place, Brighton Hgts, Staten Island
De Luna, Albert	197 Bay 28th St., Brooklyn, N. Y.
Dilloughery, A. P.	104 Bank St., New York City
Dufur, Edwin	88 Lynch St., Brooklyn, N. Y.
Fickenscher, E. W.	239 Beacon Ave., Jersey City, N. J.
Ghersan, Thomas	261 Academy St., Astoria, N. Y.
Gieseking, F. W.	718 Chauncey St., Brooklyn, N. Y.
Goldberg, Isidore	397 Sutter Ave., Brooklyn, N. Y.
Goldsmith, Saul	34 Varet St., Brooklyn, N. Y.
Jacobsen, George	246 Arlington Ave., Jersey City, N. J.
Jacquet, Alphonse	130 Madison St., Woodridge, N. Y.
Kapelsohn, Samuel	85 Miller Ave., Brooklyn, N. Y.
Knipping, Otto	301 Madison St., Hoboken, N. J.
Komito, Solomon	85 Hooper St., Brooklyn, N. Y.
Kopeck, William	2328 Turnbal Ave., Bronx, N. Y.
Kuhn, Richard	296 N. Y. Ave., Jersey City, N. J.
Latham, George	Peguannock, N. J.
Levine, Louis	1045 Grant Ave., Bronx, N. Y. C.
MacKenzie, Clarence	85 Montrose Ave., Rutherford, N. J.
McNamara, Peter	241 Hancock Ave., Jersey City, N. J.
Musetti, Michael	981 2 Place, Woodcliff, N. J.
Pisapid, Charles	89 Meserole St., Newark, N. J.
Reinhardt, Joseph	27 Chestnut Ave., Staten Island, N. Y.
Robinson, Franklin	12001 St. Anns Ave., Richmond Hill, N. Y.
Rofman, Joseph	127 Meserole St., Brooklyn, N. Y.
Rosenbaum, Abraham	418 Essex St., Brooklyn, N. Y.
Rosenburg, David	863 Schenectady Ave., Brooklyn, N. Y.
Ryan, James	42-41 S. 78th St., Elmhurst, L. I.
Salaye, David	2662 Briggs Ave., New York City
Santilli, Frank	981 Tellers Ave., New York City
Schofield, Frank	1015 E. 24th St., Patterson, N. J.
Schroeder, Charles	128 East End Ave., New York City
Solonewitz, Stanley	222 Swonia Ave., Brooklyn, N. Y.
Trainor, Frank	189 E. 93rd St., New York City
Vill, Carl	76 Bleecker St., Jersey City, N. J.
Vinion, A.	1498 Crotona Park East, New York City
Washbourne, John	1618 Beverly Road, Brooklyn, N. Y.

Mechanical Engineering

Fifth Year

Abranson, Milton	753 Jennings St., New York City
Armbruster, John	1923 Harmon St., Brooklyn, N. Y.
Dahlstrom, Bertil	77 Magnolia Ave., Jersey City, N. J.
Donnellon, Samuel	20 Harding Drive, New Rochelle, N. Y.

Drucker, Joseph	8824 Theresa Place, Forest Hills, N. Y.
Fass, Harry	87½ Napoleon St., Newark, N. J.
Gonald, Jack	1444 Lincoln Place, Brooklyn, N. Y.
Healy, Edward	294 Hicks St., Brooklyn, N. Y.
Karolyi, Anthony	558 W. 164th St., New York City
Manning, Percy	263 Hamilton Ave., Staten Island, N. Y.
McCarthy, Lawrence	34 7th St., West New York, N. J.
Pataki, Emery	1147 Park Ave., New York City
Penmer, Mathew	259 7th St., New York City
Peterson, William	379 E. 159th St., New York City
Schwartz, Frank	329 E. 21st St., New York City

Civil Engineering

Fifth Year

Brown, Theo	10361 103rd St., Ozone Park, N. Y.
Chesler, Solomon	881 Fox St., New York City
Coseman, Frank	26 Mave St., Staten Island, N. Y.
Door, Samuel	642 Faile St., Bronx, N. Y.
Elliott, William	460 Humboldt St., Brooklyn, N. Y.
Freld, Sidney	11406 109th Ave., Richmond Hill, N. Y.
Getter, George	165 E. 86th St.
Glaser, Gerald	105 Morris St., Yonkers, N. Y.
Greenberg, Henry	119 Forsyth St., New York City
Helfenbein, Isaac	1041 Sutter Ave., Brooklyn, N. Y.
Kampf, Harry	10 Spencer St., Elizabeth, N. J.
Karolak, Alphonse	233 E. 18th St., New York City
Levin, Aron	327 W. 88th St., New York City
Lewis, Nathan	40 E. 98th St., New York City
Marshall, J. W	165 Seeley Ave., Arlington, N. J.
Nielson, Roy	270 Oak St., Perth Amboy, N. J.
Pospisil, Charles	434 E. 80th St., New York City
Pupper, Max	782 E. 175th St., New York City
Rheinboldt, Max	104 N. Cottage St., Valley Stream, N. Y.
Rodgers, James	55 Pineapple St., Brooklyn, N. Y.
Roehrich, Christian	76 Ann St., Newark, N. J.
Schwartz, Abraham	385 Powell St., Brooklyn, N. Y.
Skau, Gordon	224 E. 165th St., New York City
Sulahian, S. A	571 W. 139th St., New York City
Wilson, James H	382 Devon St., Kearney, N. J.

Institute of Technology

First Year, Section 1

Abel, Jack	184 Norfolk St., New York City
Alger, Blanford	23 Wilson Ave., Belleville, N. J.
Appel, Paul	862 Jennings St., New York City
Bacon, Louis	1663 E. 19th St., Brooklyn, N. Y.
Barron, Maurice	73 Elmont Ave., Port Chester, New York City
Beck, John	596 St. Ann's Ave., New York City
Benesh, Joseph	30th St., Beechurst, L. I.
	Brewster, N. Y.
Bennett, Hillyer	19 Cortlandt St., Mt. Vernon, N. Y.
Benson, Harold	523 16th St., College Point, L. I.
Bernstein, Stephen	Tappon, N. Y.
Brosche, Martin	Hawthorne, N. J.
Brown, Thomas	Port Washington, N. Y.
Burns, James	1216 First Ave., New York City
Buzanowski, Anthony	34 W. 113th St., New York City
Calderon, Raefael	59 Underhill St., Tuckahoe, N. Y.
Champlin, George	Park Ave., Allendale, N. J.
Critchley, Elwood	310 Lafayette St., Newark, N. J.
De Castro, Arthur	

Dolan, Thomas	122 Marsellus Place, Garfield, N. J.
Egan, Charles	47 N. 5th St., Newark, N. J.
Ench, Richard	Faywood Park, Totowa Borough, N. J.
Forrester, Frank	21 Evelyn Place, Nutley, N. J.
Forsythe, Russel	1012 Summit Ave., New York City
Gray, Norman	2440 Valentine Ave., New York City
Guarini, Eugene	191 Montrose Ave., New York City
Hickey, James	1068 W. Snd St., Brooklyn, N .Y.
Sauer, Harold	447 Wilde Ave., Staten Island, N. Y.
Steinberg, Louis	121 E. Houston St., New York City
Williams, Walter	451 W. 6th St., Plainfield, N. J.

First Year, Section 2

Berg, Ernest	368 Ridgewood Ave., Eltingville, Long Island
De Andrade, Joseph	1074 76th St., Brooklyn, N. Y.
Fich, Sylvan	505 Walnut St., Dunnellin, N. J.
Greenblatt, Elliott	211 W. 101st St., New York City
Honnaford, Harold	210 Leland Ave., Plainfield, N. J.
Harvey, John	1406 Sterling Place, Brooklyn, N. Y.
Henschke, William	324 Capitol Ave., Bridgeport, Conn.
Hinton, Charles	74 Gard Ave., Bronxville, N. Y.
Hopp, Harold	561 W. 179th St., New York City
Horgan, Edward	4245 Hillendale Ave., Little Neck, N. Y.
Inslerman, Hans	337 E. 34th St., New York City
Kastens, Robert	105 Hauxhurst Ave., Weehawken, N. J.
Kaufman, Henry	North Ave., Westfield, N. J.
Keen, George	E. Allendale Ave., Allendale, N. J.
Regel, Armand	983 Jackson Ave., New York City
Kenny, Charles	50 Vreeland Ave., Midland Park, N. J.
Kirichdjian, Frank	331 62nd St., Brooklyn, N. Y.
Lechterman, Edwin	6220 Anna Place, Brooklyn, N. Y.
Levine, Harry	269 15th St., Brooklyn, N. Y.
Pipshitz, Joseph	133 Ellery St., Brooklyn, N. Y.
Mankowitz, Edmund	1380 26th St., Guttenberg, N. J.
McCann, Harold	4878 Park Ave., New York City
McConaghy, James	3087 Decatur Ave., New York City

First Year, Section 3

Leitner, Louis	309 E. Houston St., New York City
Mehnerk, Sidney	42 Forrest Ave., West Englewood, N. J.
Motsenson, L	1363 47th St., Brooklyn, N. Y.
Mollot, Louis	1059 Grant Ave., Bronx, N. Y.
Morrello, Charles	303 E. 46th St., New York City
Mussa, Alexandre	Ardsley Square, Ardsley, N. Y.
Niles, Charles	87 Smith St., Freeport, N. Y.
Nothum, Joseph	536 Court St., Elizabeth, N. J.
Novarino, Victor	305 E. 40th St., New York City
O'Donnell, James	117-34 140th St., South Ozone Park, N. Y.
Palades, Thomas	405 W. 48th St., New York City
Pessman, Abe	2125 E. 5th St., Brooklyn, N. Y.
Pollack, Julius	6610 19th Ave., Brooklyn, N. Y.
Post, Arthur	142 Hamilton Ave., Grant City, Staten Island
Potash, James	6617 12th Ave., Brooklyn, N. Y.
Powles, Frederick	75 Elysian Ave., Nyack, N. Y.
Reil, Frank	1098 E. 40th St., Brooklyn, N. Y.
Reuter, Herman	72 Lincoln Ave., Clifton, N. J.
Reynolds, John	326 High St., Passaic, N. J.
Romeo, Felico	126 Lafayette Ave., New York City
Rozene, Bert	54 Butler Ave., Bridgeport, Conn.
Rubinowitz, Leo	1548 Pitkin Ave., Brooklyn, N. Y.
Rudder, Irving	2171 64th St., Brooklyn, N. Y.
Sakofsky, Joseph	621 W. 189th St., New York City
Schwartz, David	1700 Crotona Park, Bronx, N. Y.
Stewart, Jay	119 N. Main St., Freeport, N. Y.

Institute of Technology

Second Year, Section 1

Breslawsky, Miss Edna L.	104 Lincoln St., Passaic, N. J.
Francis, Wm. J.	P. O. Box 266, Peekskill, N. Y.
Fuhrman, Wm. H. T.	Woodland Ave., Ramsey, N. J.
Himelfarb, David	368 Dumont Ave., Brooklyn, N. Y.
Lubkin, Abraham	34 Clara St., Brooklyn, N. Y.
Mertens, Frederick T.	66 Grove St., Passaic, N. J.
Powsner, Michael	2125 E. 5th St., Brooklyn, N. Y.
Rockenbach, Ludwig P.	211 99th St., Rockaway Beach, L. I.
Russell, Vere W.	70 Marion St., Lynbrook, L. I., N. Y.
Walsh, James C.	5 Cambridge Place, Brooklyn, N. Y.
Yagoda, Herman	17 Barrett St., Brooklyn, N. Y.

Second Year, Section 2

Behnken, Rudolf W.	Elizabeth, N. J.
Bivona, John F.	169 Sterling St., Brooklyn, N. Y.
Csak, William	304 Raymond Pl., West Brighton, S. I., N. Y.
Durr, Charles E.	1989 Morris Ave., New York City
English, Raymond P.	89 Broad St., Newark, N. J.
Figiel, Walter J.	3056 Wilson Ave., Bronx, N. Y.
Fisher, Harold	2255 Creston, Bronx, N. Y.
Fruhner, Ernest I.	4057 Park Ave., New York City
Groenendyke, J. P.	342 Travers Place, Lyndhurst, N. J.
Haddad, Najeeb J.	384 Eldert Lane, Brooklyn, N. Y.
Harris, Herbert	Woodcliff, N. J.
Hartman, Irving	2101 Harrison Ave., New York City
Henschel, Wilfred	1611 E. 19th St., Brooklyn, N. Y.
Hutman, H. W.	400 Cornelia St., Brooklyn, N. Y.
Kirschenbaum, Abraham I.	635 Essen St., Brooklyn, N. Y.
Levinson, Henry	625 Greenwood Ave., Brooklyn, N. Y.
Levin, Harold	53 Himrod St., Brooklyn, N. Y.
Saravisky, Joseph	107 Reade St., Englewood, N. J.

Second Year, Section 3

Devoe, Frank	23 Bank St., White Plains, N. Y.
De Fusco, F. J.	144 President St., Brooklyn, N. Y.
Goldberger, Harold	38 W. 182nd St., New York City
Muller, O. W.	673 E. 176th St., New York City
Peters, Kenneth	29 N. Madison St., Spring Valley, N. Y.
Orovan, Herman	1626 E. 3rd St., Brooklyn, N. Y.
Rudgers, Anthony	213 Berry St., Brooklyn, N. Y.
Ruecco, Carmine	355 Gray St., Orange, N. J.
Salma, Emanuel	347 E. 92nd St., New York City
Schaub, Wallace	27 Grant St., Yonkers, N. Y.
Schmidt, Eugene	Lakeview Ave., South Plainfield, N. J.
Stopfer, Rudolf	155 E. 18th St., Patterson, N. J.
Tallman, H.	507 4th Ave., Westwood, N. J.
Trapani, Edward	235 Howe Ave., Passaic, N. J.
Wardwell, George	11 Garner St., South Norwalk, Conn.
Weiss, Alexander	330 E. 80th St., New York City
Westergard, C. T.	978 Arlington Ave., Plainfield, N. J.
Woskoff, Philip	1116 54th St., Brooklyn, N. Y.

Second Year, Section 4

Butler, Robert G.	1040 Anderson Ave., Bronx, N. Y.
Sekely, Stephen	185 Third St., Passaic, N. J.
Shepard, Frederick M.	126 W. 73rd St., New York City
Shorr, Louis	Mansey, N. Y.
Sigman, Julius	63 Mangin St., New York City
Sikinik, Irving	26 Martha Place, Passaic, N. J.

Sommer, Walter	180 Main St., New Rochelle, N. Y.
Spinelli, Frank P	683 Polk St., West New York, N. J.
Straub, Henry E	246 Winifred Ave., Yonkers, N. Y.
Stumpf, George	1733 Garfield St., Bronx, N. Y.
Sullivan, Robert	1652 72nd St., Brooklyn, N. Y.
Tiedmann, Wm. F	263 Wilson Ave., Brooklyn, N. Y.
Thompson, Gordon	36 Union St., Ridgewood, N. J.
Thorp, John Anderson	54 Marion St., Nyack, N. Y.
Townsend, Harry	Howells, N. Y.
Wemmerus, Wm. H	Closter, N. J.
Wishmann, Alfred W., Jr	45 DeKalb Ave., White Plains, N. Y.
Young, Frank F	110-24 106th St., Ozone Park, N. Y.
Zuckerman, A. B	1960 67th St., Brooklyn, N. Y.
Zumel, Harry	454 Hegeman Ave., Brooklyn, N. Y.

Civil Engineering

Third Year

Bloom, Ephriam	622 W. Front St., Plainfield, N. J.
Brown, Charles	146 1st St., Woodridge, N. J.
Brown, Charles L	2054 Fletcher Ave., Fort Lee, N. J.
Colom, George	184 Claremont Ave., New York City
Vandehout, William	9466 224th St., Queens Village, N. Y.

Electrical Engineering

Third Year

Arnhols, Arendt	324 13th St., West New York, N. J.
Bogert, William	Kuderkamack Road, River Edge, N. J.
Bolles, Walter	8784 115th St., Richmond Hill, N. Y.
Caruso, Carmine	28 Nicholas St., Newark, N. J.
DeLanty, Loren	205 Main St., Spring Valley, N. Y.
Giuexi, George	350 Oak St., Passaic, N. J.
Levine, David	350 Monroe St., Passaic, N. J.
Starvos, Liacos	470 E. 161st St., New York City
Peters, Quentine	29 N. Mad Ave., Spring Valley, N. Y.
Reynolds, Edgar	3649 Willet Ave., N. Y.
Saun, Ismail	102 Ave. "B," New York City
Tannenbaum, Meyer	1796 Pitkin Ave., Brooklyn, N. Y.
Wood, Harvey	High St., Croton-on-Hudson

Mechanical Engineering

Third Year

Albanese, Michael	31 Park Place, Passaic, N. J.
Angeloro, Amello	3646 Holland Ave., New York City
Douglas, Peter	294 Broadway, Bayonne, N. J.
Durfee, George	732 E. 234th St., New York City
Lindgren, Otto	4824 4th Ave., Brooklyn, N. Y.
Norris, Joseph	56 E. Kingsbridge Road, N. Y.
Staver, Edward	118 23rd St., Jackson Heights, N. Y.

Chemical Engineering

Third Year

Berkowitz, Abraham	710 Fifth St., New York City
Brown, Charles	2054 Fletcher Ave., Fort Lee, N. J.

Institute of Technology

Civil Engineering

Fourth Year

Bloom, Abram	622 W. Front St., Plainefild, N. J.
Farner, Daniel	267 Washington St., Newburgh, N. Y.
Feldman, Samuel	119 Governor St., Patterson, N. J.
French, Richard	32-68 41st St., Astoria, L. I.
Guerin, Thomas	1068 Woodycrest Ave., Bronx, N. Y.
Hammond, Lester	127 Underwood St., Newark, N. J.
Vernon, Abner	102 Garrison Ave., Jersey City, N. J.

Electrical Engineering

Fourth Year

Cramer, Harold	218 E. 42nd St., Brooklyn, N. Y.
Lubkin, Sam	34 Clara St., Brooklyn, N. Y.
Metzer, Fred	11 Montrose Ave., Rutherford, N. J.
Miller, Carlyle	3557 70th St., Jackson Heights, N. Y.
Obergfell, Fred	870 E. 175th St., New York City
Rabinowitz, Aaron	592 Beech Terrace, Bronx, N. Y.
Rayment, Walter	1843 Herman St., Brooklyn, N. Y.
Reibeisen, Joseph	623 5th Ave., Brooklyn, N. Y.
Ressler, R. E	36 Nichols Ave., Bridgeport, Conn.
Rubinowitz, Isidore	1548 Pitkin Ave., Brooklyn, N. Y.
Smith, Douglas	20 Norman St., E. Orange, N. Y.
Wilhelm, Henry	35 Lincoln Place, Brooklyn, N. Y.

Mechanical Engineering

Fourth Year

Guillermo, Cintron	320 W. 113th St., New York City
Paulson, Rudolph	719 9th St., College Point, N. Y.
Schwarz, Edion	77 W. 92nd St., New York City

Chemical Engineering

Fourth Year

Acker, Marshall	715 W. 4th St., Plainfield, N. J.
Anwarter, George	34 Richmond St., Brooklyn, N. Y.
Eckhardt, Henry	15 Junction Blvd., Corona, L. I.
Lynn, Custer	21 Burges Place, Passaic, N. J.
Van Wyck, Peter	18 Funston Place, Maspeth, L. I.

Free Hand Drawing

First Year, Section 1

Avignone, Pete	10 Motorn St., New York City
Becker, Jack	2080 Daly Ave., New York City
Bhend, Robert	88 W. Hunter Ave., Maywood, N. J.
Boehle, Albert	518 11th St., College Point, L. I.
Bostein, David	890 Fox St., Bronx, N. Y.
Brennan, John	1141 Third Ave., New York City
Calamari, Anthony	1 Ardsley Road, Gen Ridge, N. J.
Candiloro, Ignatius	259 Ave. "T," Brooklyn, N. Y.
Cernik, Antone	533 E. 84th St., New York City
Cohen, Harry	559 Saratoga Ave., Brooklyn, N. Y.

	519 W. 152nd St., New York City
Corcoran, John	529 Bloome St., New York City
De Lorenzo, Frank	831 Fox St., Bronx, N. Y.
Engelman, Irving	47 W. 63rd St., New York City
Eagster, Alfred	164 Seeex St., New York City
Cohen, Phil	215 W. 23rd St., New York City
French, William	515 11th St., Union City, N. J.
Hanson, John	201 Varet St., Brooklyn, N. Y.
Hirsch, Abr	19 Woodriff Ave., Brooklyn, N. Y.
Humphreys, J. F.	767 55th St., Brooklyn, N. Y.
Hutchinson, Jack	52 E. 100th St., New York City
Iscar, Albert	380 E. 8th St., New York City
Levine, Ralph	468 E. 139th St., New York City
Levitt, Charles	817 28th St., Union City, N. J.
Manfilch, John	47 Powers St., Brooklyn, N. Y.
Mason, Christian	300 E. 83rd St., New York City
Mans, William	337 E. 138th St., New York City
Murray, Harry	550 Barbey St., Brooklyn, N. Y.
Newman, Harry	325 Crimmins Ave., Bronx, N. Y.
Newman, Oscar	829 Whitlock Ave., Bronx, N. Y.
Nishnevitz, Louis	512 E. 145th St., Bronx, N. Y.
Prott, Fred	5321 13th Ave., Brooklyn, N. Y.
Rosenwasser, Philip	36 Stanton St., New York City
Swooda, Ladislaus	601 Marcy Ave., Brooklyn, N. Y.
Traub, David	375 Sneidiker Ave., Brooklyn, N. Y.
Warshoksky, Sam	1695 St. Johns Place, Brooklyn, N. Y.
Weissman, Charles	

First Year, Section 2

Ash, Thomas	156 W. 144th St., New York City
Barnett, Age	1646 Eastern Parkway, Brooklyn, N. Y.
Bombara, Alfred	2401 Catalpa Ave., Brooklyn, N. Y.
Bonfiglio, Thomas	568 Vanderbilt Ave., Brooklyn, N. Y.
Bonrie, Walter	486 Hudson St., New York City
Brandford, Edward	237 W. 115th St., New York City
Brownstein, Daniel	109 Belmont Ave., Brooklyn, N. Y.
Coleman, Daniel	204 W. 106th St., New York City
Figlozzi, Dominick	891 70th St., Brooklyn, N. Y.
Flick, Philip	87 Mogeler Ave., Mt. Kisco, N. Y.
Galeazzi, Peter	173 E. 111th St., New York City
Garson, E	315 W. 19th St., New York City
Geshuda, Nathan	1356 5th Ave., New York City
Giannini, August	305 E. 21st St., New York City
Goldberg, Joseph	1174 Jackson Ave., Bronx, N. Y.
Goldman, Philip	3007 W. 3rd St., Brooklyn, N. Y.
Jennings, Joseph	2071 Walton Ave., Bronx, N. Y.
Kelly, John	15 St. Marks Place, Brooklyn, N. Y.
Mastrognilio, John	338 14th St., Brooklyn, N. Y.
Novarro, Albert	457 W. 123rd St., New York City
Peiler, Carl	321 E. 90th St.
Raphael, Alex	329 E. 5th St., New York City
Ravielli, Anthony	300 Brook Ave., Bronx, N. Y.
Rolleri, John	109 46th Ave., Brooklyn, N. Y.
Savarise, Edward	1378 Gillespie Ave., New York City
Scanniello, Peter	75 Beadel St., Brooklyn, N. Y.
Schmuck, Carl	1471 2nd Ave., New York City
Seitz, Herman	392 Bainbridge St., Brooklyn, N. Y.
Vollberg, William	614 Gravesend Ave., Brooklyn, N. Y.
Waltzer, Joseph	128 Tapscott St., New York City
Wencz, Alex	74-42 43 Ave. E, Elmhurst, L. I.

First Year, Section 3

Barrazotta, Henry	788 McKinley Pl., West New York, N. J.
Bjork, Godfrey	924 Summit Ave., Bronx, N. Y.
Boyd, James	3941 Carpenter Ave., Bronx, N. Y.

Cahn, Robert	17 S. 4th St., Woodside, L. I.
Cucinotta, Cahlo	104-55 Merrit Ave., Corona, L. I.
Germanetti, George	1227 Mad Ave., Patterson, N. J.
Gross, Louis	207 Ave. "B," New York City
Innocenti, Noel	1728 Union Port Road, Bronx, N. Y.
Kaslan, Leo	1976 S. Fontaine Ave., New York City
Kaput, Isaac	340 Sutter Ave., Brooklyn, N. Y.
Katzenberg, Harold	2683 Morris Ave., New York City
Leifer, Herman	103 Webster Ave., Bronx, N. Y.
Meiser, William	41-74 76th St., Jackson Heights
Morrison, Fred	38 Beach St., Staten Island, N. Y.
O'Brien, Frank	114 Forest Ave., Bronx, N. Y.
Oshinsky, Jack	1326 Grand Concourse, Bronx, N. Y.
Oxhorn, Milton	436 New Jersey Ave., Brooklyn, N. Y.
Palmer, Charles	96 Duncan Ave., Jersey City, N. J.
Pfeifer, Carl	211 W. 117th St., New York City
Polishczuk, Thark	162 Carll Abe, Babylon, L. I.
Scott, Louis	135 Bidwell Ave., Jersey City
Seiler, Harry	7011 19th Ave., Brooklyn, N. Y.
Siea, Joseph	119 W. 10th St., New York City
Serro, Richard	6701 7th Ave., Brooklyn, N. Y.
Steindl, Charles	147 E. 92nd St., New York City
Warrell, James	319 Lincoln Road, Brooklyn, N. Y.
Waschech, Adolph	Chappaqua, N. Y.
Vaaetoni, Arrigo	48 Van Riper Ave., Clifton, N. J.
Walters, Jerome	770 St. Nicholas Ave., New York City
Weiss, William	525 E. 135th St., Bronx, N. Y. C.
Wills, P. M.	304 W. 30th St., New York City

First Year, Section 4

Abramo, Louis	870 E. 175th St., New York City
Brandel, Ralph	63 Sheriff St., New York City
Brown, Daniel	195 Ave. "B," New York City
Burke, John	1738 66th St., Brooklyn, N. Y.
Deneroff, Joseph	1665 Weeks Ave., Bronx, N. Y.
Harvig, Eric	1063 82nd St., Brooklyn, N. Y.
Hirsch, J.	500 E. 136th St., New York City
Home, Philip	911 E. 176th St., Bronx, N. Y.
James, Ernest	43 W. 60th St., New York City
Johnstone, Harley	95 Stryken Ave., Woodside, L. I.
Keller, William	674 Courtlandt Ave., New York City
Lwckenko, Alex	25 E. 128th St., New York City
Rosenbaum, Joseph	647 E. 9th St., New York City
Ross, Samuel	1171 53rd St., Brooklyn, N. Y.
Saqqal, Nadime	5306 6th Ave., Brooklyn, N. Y.
Schiffer, Lathorpe	47 Chauncey Ave., New York City
Schulman, Morman	1915 Andrews Ave., New York City
Silverman, Isidore	333 E. 49th St., Brooklyn, N. Y.
Smith, Robert	302 Woodhaven Ave., Jersey City, N. J.
Spinak, Max	6439 E. 137th St., New York City
Sprung, Karl	Box 29, Northwale, N. J.
Stamberger, George	69-36 Juniper Road, L. I.
Steinman, Louis	765 Southern Blvd., Bronx, N. Y.
Sullivan, Barry	1153 74th St., Brooklyn, N. Y.
Tallaksen, Chester	4811 5th Ave., Brooklyn, N. Y.
Walitzky, Hyman	618 E. 140th St., New York City
Wojiczky, Joseph	409 W. 236th St., New York City
Wolcott, Sheppard	1833 Holland Ave., Bronx, N. Y.
Zivica, Frank	311 E. 71st St., New York City

Free Hand Drawing

Second Year, Section 1

Aimone, Joseph	20 Park Ave., Patterson, N. J.
Apfelbaum, Sylvian	818 Fox St., New York City
Beumont, James	14 St. Andrews Place, Brooklyn, N. Y.
Bergman, Louis	6606 19th Ave., Brooklyn, N. Y.
Calabro, Paul	767 E. 152nd St., Bronx, N. Y.
Casi, Aldo	35 Sheephead Bay Road, Brooklyn, N. Y.
Cohen, Henry	2352 64th St., Brooklyn, N. Y.
Cullen, James	628 E. 135th St., New York City
DeWette, Leon	318 W. 57th St., New York City
Fisch, John	649 84th St., Brooklyn, N. Y.
Flexser, Allen	394 Georgia Ave., Brooklyn, N. Y.
Gold, Samuel	647 E. 11th St., New York City
Green, Louis	727 E. 158th St., Bronx, N. Y.
Guellich, William	202 South St., Jersey City, N. J.
Hansen, Peter	93 16th St., Brooklyn, N. Y.
Heynick, Harry	805 New Jersey Ave., Brooklyn, N. Y.
Jennings, William	2071 Walton Ave., Union City, N. J.
Jiuliarelli, Charles	317 12th St., Union City, N. J.
Kaleda, Joseph	9 Ainslie St., Brooklyn, N. Y.
Klein, Walter	453 Central Ave., Jersey City, N. J.
Kerngut, Alex	58 E. 120th St., New York City
Palner, Irving	1831 Sterling Place, Brooklyn, N. Y.
Lamlor, Richmond	194 Margant St., Staten Island, N. Y.
Levine, Jack	211 Merl St., New York City
Mauler, Sol	1423 Teller Ave., Bronx, N. Y. C.
Micklitsch, Albert	265 Stagg St., Brooklyn, N. Y.
Micklitsch, William	265 Stagg St., Brooklyn, N. Y.
Miller, William	464 W. 152nd St., New York City
Montgomery, Brookings	Hampton Court, Staten Island, N. Y.
Mutove, Thames	170 Eckford St., N. Y.
Palmara, James	919 Crescent St., New York City
Puntelli, Albert	19-44 St. Corona, L. I.
Rosengrave, Thomas	98 E. 120th St., New York City
Roth, Irving	960 E. 173rd St., Bronx, N. Y. C.
Santangelo, Peter	113 Floyd St., Brooklyn, N. Y.
Van Patten, Cornelius	1611 Foster Ave., Brooklyn, N. Y.
Voyska, Frank	438 E. 6th St., New York City
Wolf, John	18 Second St., Dumont, N. J.
Zwillich, Jacob	1390 Prospect Ave., Bronx, N. Y. C.

Second Year, Section 2

Bogar, Dizso	1236 Webster Ave., Bronx, N. Y.
Barazzotto, Oscar	1440 Zerega Ave., Westchester, N. Y.
Branda, Paul	462 Westminster Ave., Brooklyn, N. Y.
Byer, Alexander	70 E. 114th St., New York City
Carmel, Emmanuel	15 Bay 35th St., Brooklyn, N. Y.
Cohen, Charles	410 Hooper St., Brooklyn, N. Y.
Dehn, Larry	226 E. 22nd St., New York City
Eichel, Samuel	79 St. Nicholas Ave., New York City
Fischer, Samuel	125 W. Kingsbridge Road, New York City
Fowsky, John	1612 Poplar Road, Westchester, N. Y.
Grandine, Mario	6314 15th Ave., Brooklyn, N. Y.
Greenberg, Joseph	544 Bedford Ave., Brooklyn, N. Y.
Gross, Lester	942 St. Johns Ave., Bronx, N. Y.
Hermain, Sidney	1408 Sterling Place, Brooklyn, N. Y.
Kurtzman, William	527 Green Ave., Brooklyn, N. Y.
Marcus, Alfred	2307 Ave. "S," Brooklyn, N. Y.
Mazzer, Charles	57-15 Van Doran St., Corona, N. Y.
Nelson, Ivan	232 3rd St., Jersey City, N. J.
Nunzio, Frank	685- Newark Ave., Jersey City, N. J.

Pakuler, Jack	910 Whitlock Ave., Bronx, N. Y.
Peterson, Helmer	302 14th Ave., Astoria, N. Y.
Phillips, Joseph	768 Coney Island Ave., Brooklyn, N. Y.
Pyser, John	352 E. 65th St., New York City
Rauschwald, M. B	319 Vernon Ave., Brooklyn, N. Y.
Robinon, Jerome	830 Kelly St., Bronx, N. Y.
Rockovsky, Bernard	1936 79th St., Brooklyn, N. Y.
Rodzianko, B	1776 Mad Ave., New York City
Schmall, Joseph	1523 Charlotte St., Bronx, N. Y.
Scibelli, Charles	55 Bandman Ave., Jamaica, N. Y.
Sewor, Edward	513 E. 75th St., New York City
Simon, Sidney	4180 Broadway, New York City
Sterling Samuel	55 Varet St., New York City
Suerkin, John	4728 Bronx Boulevard, New York City
Veck, William	62 Walnut St., Montclair, N. J.

Free Hand Drawing

Third Year, Section 1

Anzlovar, Rudolph	273 Bleecker St., Brooklyn, N. Y.
Arbesuk, Emilio	540 E. 117th St., New York City
Arnao, Victor	172 Union St., Brooklyn, N. Y.
Caprano, Charles	9230 245th St., Bellrose, L. I.
Carbe, Anthony	263 Power St., Brooklyn, N. Y.
Catarzaro, Charles	1908 Third Ave., New York City
Chessler, Irving	364 Alabama Ave., Brooklyn, N. Y.
Chiarellio, Michael	1329 66th St., Brooklyn, N. Y.
Demmis, William	437 Myrtle Ave., Coyelville, N. J.
Diefenbach, Fred	45 Bonn Place, Weehawken, N. J.
Goldstein, Joseph	1520 Crotona Park, East Bronx, N. Y.
Invernizzi, Amedo	244 Day Ave., Haddington Hgts., N. J.
Langen, William	1216 Hudson St., Hoboken, N. J.
Piano, Dominick	424 E. 141st St., New York City
Rippa, Archilles	191 Spring St., New York City
Rosen, Louis	212 Sutter Ave., Brooklyn, N. Y.
Ruggiano, Henry	2045 S. Boulevard, Bronx, N. Y.
Ryan, Raymond	101-18 118th St., Richmond Hill, N. Y.
Saltzman, Philip	345 Banell St., Brooklyn, N. Y.
Scarfi, Tony	229 Union St., Brooklyn, N. Y.
Schuter, George	124 DeHart Ave., Staten Island, N. Y. C.
Skoorka, Paul	1217 Union Ave., Bronx, N. Y.
Staba, Anthony	230 E. 7th Street, New York City
Themak, Edward	419 E. 157th St., Bronx, New York City
Vistor, William	718 Ave. "L." Brooklyn, N. Y.
Weinreich, Sol	1126 E. Parkway, Brooklyn, N. Y.
Wingarter, Joseph	8071 87th Road, Woodhaven, L. I.

Third Year, Section 2

Baer, Henry	Elizabeth St., Bound Brook, N. J.
Bishop, Herbert	Sea Cliff, L. I.
Calabro, John	93 Utica Ave., Brooklyn, N. Y.
Chorowsky, Murray	566 Bristol St., Brooklyn, N. Y.
Ciarichetta, Larry	96 McLean St., Staten Island, N. Y.
Erickson, Harry	872 55th St., Brooklyn, N. Y.
Hermansen, Charles	464 40th St., Brooklyn, N. Y.
Hermansen, Fred	464 40th St., Brooklyn, N. Y.
Kersanez, Gweedo	541 E. 135th St., New York City
Laurlin, Philip	160 S. 8th St., Brooklyn, N. Y.
Mulvihill, William	13 Furman Ave., Brooklyn, N. Y.
Palermi, John	12109 101st Ave., Richmond Hill, N. Y.
Primack, Louis	3781 Third Ave., New York City
Reissner, Joseph	1163 Tinton Ave., Bronx, N. Y.

Schumann, Egmont	2576 Fresby Ave., Westchester, N. Y.
Sheehy, Francis	423 Treeman Ave., Long Island City
Skoorka, Paul	1217 Miller Ave., Bronx, N. Y.
Wingerter, Joseph	8971 87th Road, Woodhaven, N. Y.

Free Hand Drawing

Fourth Year

Arnovitz, Nathan	128 Cortelyou Road, Brooklyn, N. Y.
Aulicina, Louis	2349 Howland Ave., Astoria, N. Y.
Bagnell, William	14 Garden Place, Brooklyn, N. Y.
Busch, Louis	29 Madison St., Guttenberg, N. J.
Beltram, Marcello	143 Pearl St., Brooklyn, N. Y.
Benett, George	3290 Boulevard, Jersey City, N. J.
Borst, Henry	519 W. 141st St., New York City
Brand, William	444 W. 35th St., New York City
Capobianco, George	334 Wolcott Ave., Astoria, N. Y.
Casseluth, Mortimer	106 E. 42nd St., Brooklyn, N. Y.
Chorost, Murray	2117 73rd St., Brooklyn, N. Y.
Clemente, Andrew	606 Jefferson St., Hoboken, N. Y.
Culivene, Thomas	69 Tronjer St., Brooklyn, N. Y.
Dandfred, Luke	Denton Ave., E. Rockaway, N. Y.
D'Asaio, Ignatius	1678 80th St., Brooklyn, N. Y.
Davison, Meyer	251 Clinton Ave., Union City, N. J.
De Carolis, Remo	4031 Lawrence Place, Bronx, N. Y.
Earle, James	Rochelle Park, N. J.
Epstein, Joseph	1840 Seventh Ave., New York City
Gelsonmeio, Joe	342 E. 114th St., New York City
Glickman, David	712 Fox St., Bronx, N. Y.
Glickman, Milton	343 Grand St., Brooklyn, N. Y.
Goldstein, Joseph	176 Penna. Ave., Brooklyn, N. Y.
Giaziola, Peter	187 9th St., Jersey City, N. J.
Holloway, Harry	62 Bishop St., Staten Island, N. Y.
Halpert, Frederick	1026 55th St., Brooklyn, N. Y.
Hansen, Lawrence	120 39th St., Woodcliff, N. J.
Hanlowy, George	201 Patterson Turnpike, North Bergen, N. J.
Harrison, Max	329 E. 101st St., New York City
Jacobs, Jesse	1132 Kelly St., Bronx, N. Y.
Kelly, Thomas	442 W. 24th St., New York City
Krant, Samuel	183 Green St., Brooklyn, N. Y.
Kreisler, Alex	1431 59th St., Brooklyn, N. Y.
Kreigley, Robert	1005 E. 174th St., Bronx, N. Y.
Lauvicello, Theo	1459 E. 57th St., Brooklyn, N. Y.
Marcus, Stanley	145 Bergen St., Brooklyn, N. Y.
Marcus, William	160 Essex St., New York City
Masterson, Edwin	42 48th St., Corona, L. I.
Mazze, Irving	1015 Tiffany St., Bronx, New York City
McQuade, Peter	2676 De Cartier Ave., Bronx, New York City
Menoli, Patsy	539 E. 149th St., Bronx, New York City
Mirabella, Salvatore	1963 Third Ave., New York City
Nicholson, Philip	28 Bow Ave., Pineola, N. Y.
Noell, Carl	1117 Jackson Court, Brooklyn, N. Y.
Quirtman, Meyer	40 Essex St., New York City
Ramos, James	147 North 9th St., Brooklyn, N. Y.
Rizzerto, Louis	107-22 75th St., Ozone Park, N. Y.
Schuck, Edward	45 5th Ave., New York City
Shapiro, Max	701 Crotona Park, North Bronx, New York City
Vecchione, Anthony	534 Lorimer St., Brooklyn, N. Y.
Vega, Francis	96 Washington Ave., Brooklyn, N. Y.
Vostun, William	215 Gorlen St., Hoboken, N. J.
Weil, Saul	3297 Third Ave., New York City
Whitlock, George	805 Quincy St., Brooklyn, N. Y.
Weiner, Frank	32 E. Polk Ave., Corona, L. I.

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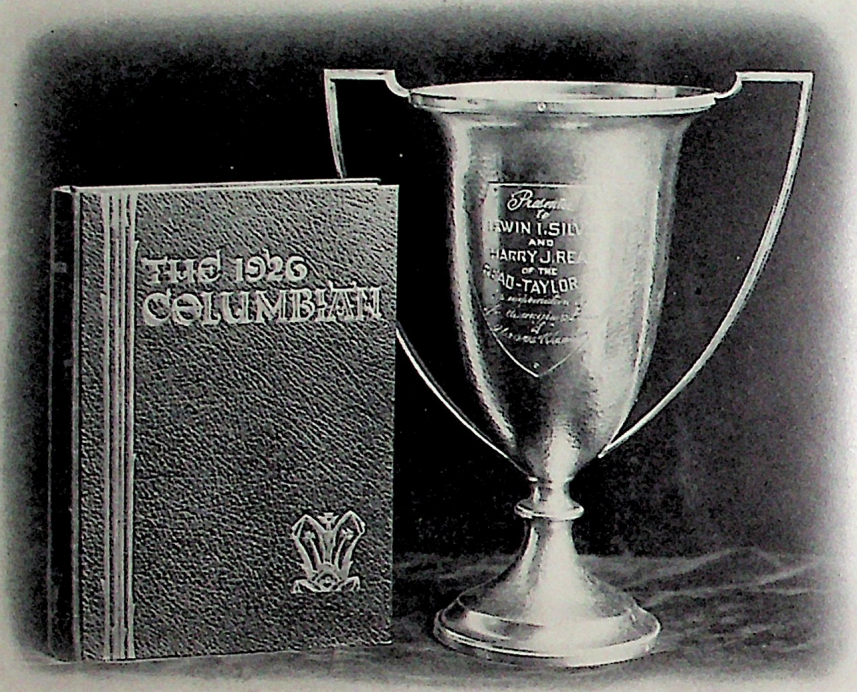

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